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# Varick's 1917

RELIABLE  
SEEDS

Investigations.



JOHN B. VARICK COMPANY, MANCHESTER, NEW HAMPSHIRE



# WHY NOT TRY

...and...

## Reduce the High Cost of Living

*By Growing Your Own Fresh Vegetables on Your Own Plot of Ground?*

**T**HE cost of living continues to rise, but sunshine and rain are free. Still as of old, the summer sun shines and summer rains fall in your own back yard. There is no land so poor that it cannot be made to grow something. Shall it be worth while, or weeds?

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Fresh vegetables are needed by every member of the family every day in the year, and if grown in the family garden instead of being purchased at the prevailing high prices at a store, constitute an inexpensive and very valuable supply of food.

Most of the failures with seeds, plants, and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality of productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order of articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

We are endeavoring to secure for our customers the very highest quality of **Farm Tools** that are manufactured—tools that are modern and up to date in every way.

The back yard for poultry keeping and gardening offers opportunities to everybody to reduce their living expenses 50%

A well kept garden, a flock of poultry, and you may bid defiance to the grocer, butcher and vegetable huckster. With fresh vegetables and fresh eggs and poultry of your own production on your own table, you are as rich as the most wealthy of the city or country dwellers, and happier than either.

We have selected our line of Poultry Supplies with great care and consider that our lines have no superior.

To those who have never purchased of us, there is absolutely no risk for you, as we guarantee that the goods shall satisfy you in every way, or we will refund your money as cheerfully as we received it. More people are buying from us today than ever before in the history of the house. We have been in business since 1845—Always Improving, Always Growing, Always Giving Our Customers a Little More for Their Money.

Respectfully yours

JOHN B. VARICK CO., Manchester, N. H.



# General List of Standard Varieties of VEGETABLE SEEDS

## with Directions for Cultivation

**POST SERVICE:** We will deliver free by mail all garden and flower seeds sold in packages, ounces, and in quantities up to one pound, with the exception of Beans, Peas and Corn. Postage on pints of Beans and Peas 6 cents, quarts 7 cents. Postage on Corn in pints 5½ cents, quarts 6 cents.

**REMITTANCES** in stamps will be accepted, or send express money order, postoffice money order, bank draft or registered letter.

**ALL PRICES** quoted are subject to change without notice due to market variations.

**CONDITIONS OF SALE:** We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

### UNITED STATES PARCEL POST RATES.

Fourth Class Matter.  
Seeds, Plants, Bulbs, Roots.  
Garden, Lawn and Poultry Supplies.

	First Pound or Fraction	Each Additional Pound or Fraction
Local rate Manchester and Suburbs only .....	5c	½c
First Zone within 50 miles of Manchester .....	5c	1c
Second Zone within 150 miles of Manchester .....	5c	1c
Third Zone within 300 miles of Manchester .....	6c	2c
Fourth Zone within 600 miles of Manchester .....	7c	4c
Fifth Zone within 1000 miles of Manchester .....	8c	6c
Sixth Zone within 1400 miles of Manchester .....	9c	8c
Seventh Zone within 1800 miles of Manchester .....	11c	10c
Eighth Zone all over 1800 miles from Manchester .....	12c	12c

### SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST.

Size of package that can be sent by Parcel Post cannot be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots, and plants weighing 8 oz. or less, shall be 1c for each 2 oz. or fraction thereof, and on those weighing more than 8 oz. the pound rates shown in table shall apply.

### WEIGHTS BY PARCEL POST.

Parcels up to 50 lbs. can be sent by parcel post in the local, 1st and 2nd zones and up to 20 lbs. in all the other zones.

To points further than the 2nd zone on weight of over 10 lbs., the charge by freight or express is usually more economical.

*Spargel*—GERMAN

## ASPARAGUS

*Asperge*—FRENCH

**ONE OUNCE WILL SOW 50 FEET OF DRILL: 4 TO 5 POUNDS TO THE ACRE.**

**CULTURE:** Sow in April or May, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. On the approach of winter cover with manure or compost; fork the beds early in the spring, and apply a dressing of salt or kainit at the rate of 600 pounds an acre. Cut for use the second year after planting.

**CONOVER'S COLOSSAL.** The most approved and standard sort. Pkt. 5c.; Oz. 10c.; ¼ Lb. 25c.

**PALMETTO.** A very desirable light green sort. Pkt. 5c.; Oz. 10c. ¼ Lb. 25c.

**BARR'S MAMMOTH.** Very large, extra early, very productive. Pkt. 5c.; Oz. 10c.; ¼ Lb. 25c.

## ASPARAGUS ROOTS

The quickest and easiest way to secure an asparagus bed is to plant two-year-old roots, and thus secure a good producing bed from one to two years before one can be had from seeds.

Per 100

CONOVER'S COLOSSAL. Two-year-old roots ..... \$1.00

PALMETTO. Two-year-old roots ..... 1.00

*Busch Bohnen*—GERMAN

## BUSH BEANS

*Haricots Nains*—FRENCH

ONE QUART WILL PLANT ABOUT 100 FEET OF DRILL.

No crop responds more readily than Beans to good soil and cultivation. A light, rich, well drained loam which was manured for the previous crop is the most desirable. If too rank manure is used it is apt to make the plant run too much to vine.

Beans are very sensitive to both cold and wet and it is useless to plant them before the ground has become dry and warm. The largest returns will result from planting in drills from two to three feet apart. Cover the seed one and one-half to two inches deep and thin the young plants three to six inches apart in the row. If planted in hills, make the hills about two feet apart each way. For succession, plant at intervals of one to two weeks till midsummer. The plants up to the time of blossoming should have frequent shallow cultivation, but any mutilation of the roots by cultivation after the plants come into bloom is likely to cause the blossoms to blast and so cut off the crop. Cultivation should always be very shallow and it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

### Green Podded Dwarf Variety

**DWARF HORTICULTURAL.** An improved type. The beans are larger, the pods longer and more highly colored than the old sort. Pt. 30c.; Qt. 50c.; Pk. \$3.25.

**BURPEE'S STRINGLESS GREEN PODDED (Giant).** Extra early, very prolific, quite stringless. Pt. 35c.; Qt. 60c.; Pk. \$3.50.

**LOW'S CHAMPION.** Large, flat, green pod, stringless. Pt. 25c.; Qt. 45c.; Pk. \$3.00.

**ARLINGTON (Improved Goddard).** A larger, late Dwarf Horticultural. Pt. 25c.; Qt. 45c. Pk. \$3.00.

**LONG YELLOW SIX WEEKS.** Leading market sort. Flat pods. Pt. 25c.; Qt. 45c.; Pk. \$3.00.

**RED KIDNEY.** An excellent shell bean and for baking. Pt. 25c.; Qt. 45c.; Pk. \$2.75.

**BURPEE'S BUSH LIMA.** A genuine dwarf or Bush Lima Bean; yields immense number of pods and is a sure cropper. Pt. 25c.; Qt. 45c.; Pk. \$3.00.



Currie's Rust Proof  
Black Wax Beans

### Dwarf Wax or Butter Variety

**BLACK WAX. CURRIE'S RUST PROOF.** Very early and productive. Free from blight and rust. Pt. 35c.; Qt. 60c.; Pk. \$4.00.

**BLACK WAX. IMPROVED PROLIFIC.** Round, thick pod, very early. Pt. 35c.; Qt. 60c.; Pk. \$4.00.

**HODSON'S WAX.** Rustproof and great cropper, long cream yellow pods. Pt. 35c.; Qt. 60c.; Pk. \$4.00.

**IMPROVED GOLDEN WAX.** Rustproof enormously productive, earliest, stringless, flat pod. Pt. 35c.; Qt. 60c.; Pk. \$4.00.

**WARDWELL'S KIDNEY WAX.** Extra early; long flat pods; very fine. Pt. 35c.; Qt. 60c.; Pk. \$4.00.

**GOLDEN EYE WAX.** Rustproof. Very hardy and prolific, pods flat. Pt. 35c.; Qt. 60c.; Pk. \$4.00.



*Stangen Bohnen*—GERMAN**POLE BEANS***Haricots, a rames*—FRENCH**ONE QUART TO 100 HILLS**

**CULTURE.** These require poles 8 to 10 feet long. The beans should be planted the middle of May if the season is suitable. Lima beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant four to six beans about one inch deep around each pole. Thin out to three plants to a pole, if the soil is rich; pinch off the ends of the plants when they overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima beans for early use may be grown in frames and transplanted.

**HORTICULTURAL or SPECKLED CRANBERRY.** Of excellent quality; a great favorite. Pt. 25c.; Qt. 45c.; Pk. \$2.75.

**KENTUCKY WONDER or OLD HOMESTEAD** (sometimes called the "Snake Bean"). Pods green; very long; productive. Pt. 25c.; Qt. 40c.; Pk. \$2.75.

**LARGE WHITE LIMA.** Largely grown and highly esteemed. Pt. 25c.; Qt. 45c.; Pk. \$2.75.

**SCARLET RUNNER.** A popular English pole bean; very ornamental. Pt. 30c.; Qt. 50c.; Pk. \$3.00.

**WORCESTER POLE.** Very early, producing a great number and highly colored pods. Pt. 25c.; Qt. 45c.; Pk. \$3.00.

*Salatrube*—GERMAN**TABLE BEETS***Betterave*—FRENCH**AN OUNCE WILL SOW ABOUT 50 FEET OF DRILL. 5 OR 6 POUNDS REQUIRED FOR AN ACRE**

The beet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and one inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter, from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

**DEWING'S IMPROVED EARLY BLOOD TURNIP.** A standard variety of excellent quality. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; lb. 90c.

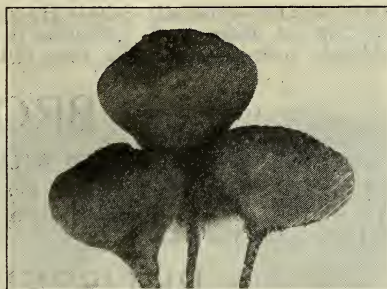
**CROSBY'S EGYPTIAN.** The earliest beet in the market; deepest red in color; very desirable for a small beet for early market. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 90c.

**EXTRA EARLY ECLIPSE.** Very early, round rooted and dark red. Pkt. 5c.; Oz. 10c.  $\frac{1}{4}$  Lb. 25c.; Lb. 90c.

**EDMAND'S EARLY BLOOD TURNIP.** A market gardener's strain; of great regularity in shape; deep blood skin and very deep flesh of best quality. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 90c.

**DETROIT DARK RED BLOOD TURNIP.** Quite round; skin very dark, flesh bright red; a grand beet for bunching for market. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 90c.

**EARLY BASSANO.** Early, flat, light. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 90c.



Crosby's Egyptian Blood Turnip Beets

**Sugar Beets and Mangle-Wurzels**

**LARGE RED NORBITAN GIANT MANGEL-WURZEL.** A large, long variety grown for stock feeding. It stands up well above the surface; color, light red; flesh, white and rose colored. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**YELLOW GLOBE MANGEL-WURZELS.** Large and productive; keeps well. Pkt 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**GOLDEN TANKARD.** It is one of the best stock beets grown. It has yellow flesh, a very distinct variety, being short with very little tap root and very easy to harvest. Top and neck very small; root ovoid, flesh yellow, zoned with white. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.



## TABLE BEETS--Continued

**WHITE FRENCH SUGAR BEET.** Very hardy and productive, yielding about 20 tons to the acre. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

Roots of all kinds are highly valuable for stock feeding and are worth more general cultivation than they have had in the past. A liberal feeding of Mangels insures a large flow of milk and healthy condition of the animals. Fifteen or twenty tons per acre is not an unusual yield for any of the large growing varieties. They are easy to cultivate and can be raised almost wholly with horse culture and will respond readily to any kind of fertilizer. A yield of 20 tons per acre is equal to 2 tons of the best Timothy Hay or 65 bushels of corn, but they will produce more milk, and in addition to the feeding value found in protein and fat, you also get a large amount of water, which, to our mind, has a feeding value in any of our field crops.

The value of Mangels for stock feeding cannot be overestimated.

**SWISS CHARD** ((Sea Kale Beet). This kind of beet is grown exclusively for the numerous, fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens.

Later in the season the wax-like leaf stems are cooked like asparagus or are pickled. This variety we offer has large, broad, undulated leaves of attractive yellowish green color, and very large, broad white stalks and midribs or chards. It is well worthy of a place in the home garden as well as for market use. Swiss Chard is sometimes called Leaf Beet, Spinach Beet and Silver Beet. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

*Blatterkohl*—GERMAN

## BORECOLE or KALE

*Chou Vert*—FRENCH

ONE OUNCE WILL SOW 150 FEET OF DRILL

**CULTURE.** Sow early in the spring in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in same manner as for cabbage. They are extremely hardy and will endure quite a low temperature.

**DWARF GREEN CURLED SCOTCH.** Rarely exceeding eighteen inches in height, but spreading out under good cultivation to three feet in diameter; leaves beautifully curled and bright green. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. \$1.00.

*Spargelkohl*—GERMAN

## BROCCOLI

*Chou Brocoli*—FR.

ONE OUNCE OF SEED WILL PRODUCE ABOUT 1,500 PLANTS

**CULTURE.** Same as Cauliflower, to which it is nearly allied.

**EARLY PURPLE CAPE.** Hardy heads of medium size and compact formation. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 35c.; Lb. \$1.25.

*Sprossenkohl*  
GERMAN

## BRUSSEL SPROUTS

*Chou de Bruxelles*  
FRENCH

**CULTURE.** Species of the cabbage family. It produces along the whole length of the stem small sprouts resembling miniature cabbages. The heads are a great delicacy boiled in the same way as cauliflower. Seed should be sown about the middle of May in a seed bed and the plants afterwards set out in rows two feet apart and cultivated like cabbage. Being small and hard, the sprouts are not in the least affected by frost.

**DWARF IMPROVED.** The best for general use. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

## Celeriac or Turnip-Rooted Celery

**CULTURE.** A variety of Celery with turnip-shaped roots, which are white fleshed, tender, and possess the flavor of celery stalks. Sow the seed in the open ground in April and treat the young plants the same way as celery.

**LARGE SMOOTH PRAGUE.** Very large and fine; roots of superior quality. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.; Lb. \$2.75.

**ERFURT GIANT.** Very large and smooth root. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.; Lb. \$2.75.

*Lammersalat*—GERMAN

## Corn Salad or Fetticus

*Mache*—FRENCH

ONE OUNCE WILL SOW 150 FEET OF DRILL

**CULTURE.** Sow early in spring in drills one inch deep and ten inches apart. For main crop sow in August and September.

**LARGE LEAVED.** Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

*Garten and Brunnen Kresse*  
—GERMAN

## Cress or Peppergrass

*Cresson*—FRENCH

**CULTURE.** Sow thickly in shallow drills, early in spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water-Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping the weeds from interfering with it.

**EXTRA CURLED.** The popular sort; fine, pungent flavor. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**TRUE WATERCRESS.** Grows along the banks of streams. Leaves quite large and thick. Pkt. 5c.; Oz. 30c.;  $\frac{1}{4}$  Lb. \$1.00; Lb. \$3.50.

*Garten Kerbal*—GERMAN

## CHERVIL

*Cor Feuil*—FRENCH

**CHERVIL, CURLED.** An aromatic sweet herb that resembles Parsley. Pkt. 5c.; Oz.; 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. \$1.00.

The young leaves are used in soups and salads. Sow evenly in May, in drills half inch deep, one foot apart.

*Chicorie*—GERMAN

## CHICORY

*Chicoree*—FRENCH

**CHICORY, LARGE ROOTED.** Sow and treat in the same manner as Carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

*Kohl*—GERMAN

## CABBAGE

*Chou*—FRENCH

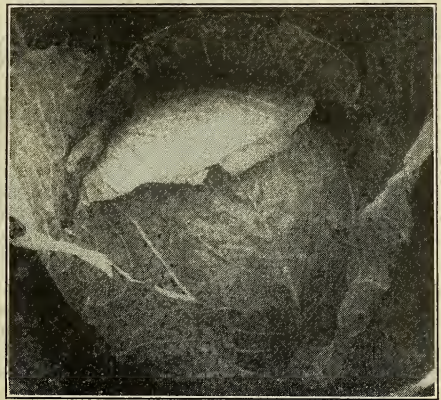
### ONE OUNCE PRODUCES ABOUT 3,000 PLANTS

The requisites for complete success with cabbage are: First, good seed. In this crop the quality of the seed used is of the greatest importance. No satisfactory results can possibly be obtained when poor seed is planted. Second, rich, well prepared ground. A heavy, moist and rich loam is most suitable. Third, frequent and thorough cultivation. The ground should be highly manured and worked deep. Cabbage is grown all over the country and specific directions regarding the time and methods of planting applicable to all localities cannot be given.

The late autumn and winter varieties may be sown from the middle to the last of spring and transplanted when four to six inches high. If the weather and soil are dry the late sowings should be shaded and watered in order to hasten germination, but it is important that the plants should not be shaded or crowded in the seed-beds, or they will run up weak and slender and will not endure transplanting well. Cabbages should be hoed every week and the ground stirred as they advance in growth, drawing up a little earth to the plants each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads.

**EARLY JERSEY WAKEFIELD.** Well known and most valuable for early. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**HENDERSON'S EARLY SUMMER.** A few days later than the Wakefield, rather larger and more globe shaped; much used by market gardeners; stands long in the head. Pkt. 5c.; Oz. 15c.;  $\frac{1}{2}$  Lb. 45c.; Lb. \$1.50.



Copenhagen Market Cabbage



## CABBAGE--Continued

**CHARLESTON LARGE WAKEFIELD.** About one week later than Early Jersey Wakefield, but the heads are fully one half larger; will not burst when ripe like most early sorts, and can be left standing in the field some time without damage. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**EARLY WINNIGSTADT.** A standard second early variety. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**ALL SEASONS.** One of the best for second early or late, growing to a large size quickly and surely. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**SURE HEAD.** A sure-heading, long-keeping variety; very similar to All Seasons. Our seed is from carefully grown, selected stock and is the best that can be obtained. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**AMERICAN DRUMHEAD SAVOY.** A superior sort for family use in winter and spring; of delicate flavor. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**PREMIUM FLAT DUTCH.** A favorite winter variety for market. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**RED ROCK (HENDERSON'S MAMMOTH).** Largest and best red cabbage ever introduced. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 60c.; Lb. \$1.75.

**WARREN STONE MASON.** An improvement on the old type, rounder and solid. The best for main crop. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**HOLLANDER OR DANISH BALL HEAD.** An unsurpassed winter variety; heads round, large, very hard, tender and fine flavored. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 75c.; Lb. \$2.00.

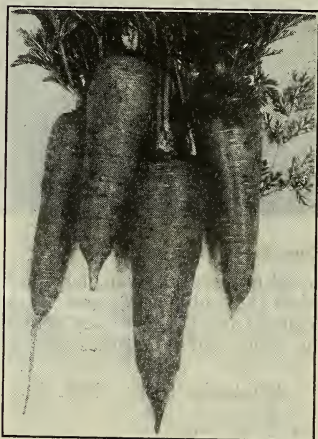
**COPENHAGEN MARKET.** Very fine, nearly as early as Wakefield, with large round, solid heads. Pkt. 5c.; Oz. 25c.;  $\frac{1}{4}$  Lb. 90c.; Lb. \$2.50.

*Mohre*—GERMAN

## CARROT

*Carrotte*—FRENCH

AN OUNCE WILL SOW ABOUT 100 FEET OF DRILL; 3 POUNDS TO THE ACRE.



Danver's Half Long Carrot

The Carrot thrives best in a light, sandy soil, free from stones, well enriched, and deeply and thoroughly worked. Make the top surface fine and smooth by raking. Sow in drills 14 inches apart and half an inch deep and thin plants to 3 or 4 inches apart. Sow from the middle of April to the middle of May.

**EARLY HALF LONG SCARLET NANTES.** The tops of this early half long frame sort are very small and seed may be sown very thickly as the variety is well adapted for forcing. The roots are of medium size, slender, cylindrical, with remarkably small neck, handsome deep orange color, coreless, tender throughout and of the best quality. They are usually four and one half to five inches in length, but sometimes grow considerably longer. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 75c.; Lb. \$1.50.

**GUERANDE OR OX HEART.** Roots four and one half to five inches long, tapering but little and ending abruptly in a small tap root, tender and sweet while young. Flesh, bright orange. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 40c.; Lb. \$1.00.

**DANVERS HALF LONG.** The most desirable main crop variety; an excellent keeper. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 40c.; Lb. \$1.00.

**IMPROVED LONG ORANGE.** Of rich deep orange and fine quality; best for stock feeding. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.



*Blumenkohl*—GERMAN**CAULIFLOWER***Chou Fleur*—FRENCH

AN OUNCE WILL PRODUCE ABOUT 2,000 PLANTS.



Early Snowball Cauliflower

In general, the Cauliflower requires about the same treatment as the cabbage; moist land is, however, more essential; and heavier manuring and more frequent cultivation aid to a greater extent the full development of the plant. In this climate the plant heads well only in the cool fall months. Seed should therefore be sown as for late cabbage, from the middle of May to middle of June, the late varieties, however, requiring a little more time than most late cabbage.

**EARLY SNOWBALL.** The earliest and surest to head. Probably more largely used than all others combined. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt. 10c.; Oz. \$2.00;  $\frac{1}{4}$  Lb. \$6.00; Lb. \$20.00.

*Sellerie*—GERMAN**CELERY***Mache*—FRENCH

ONE OUNCE OF SEED PRODUCES ABOUT 3,000 PLANTS.

**CULTURE.** Sow the seed in a light, rich, dry border as early as the ground can be worked, in drills eight to ten inches apart, and cover the seeds about a quarter of an inch deep, rolling or treading them in if the ground be dry. The beds should be kept well weeded, and an occasional soaking with water in dry weather will do the plant good. The plants may be set in a single row in a narrow trench, or the trench may be made into a bed wide enough to hold two, three or four rows, and in this case the plants are in a compact form to be covered for the winter where they grow. The beds should be made very rich with thoroughly decomposed manure. The plants will need to be earthed up two or three times.

**WHITE PLUME.** The most popular, as it is not necessary to bank up, as is the case with other Celeries. It is tender and of the very best flavor; also presents a very ornamental appearance on the table. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.

**GIANT PASCAL.** A strong grower and wonderful keeper; quality very fine. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.

**BOSTON MARKET.** The best and most popular sort in cultivation; dwarf branching habit; solid; crisp. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.



Giant Pascal Celery

## CELERY--Continued

**GOLDEN SELF BLANCHING.** Best French Imported. A new dwarf variety of great merit; of quick growth and very early; beautiful golden yellow; solid and of excellent flavor. Pkt. 10c.; Oz. \$1.50;  $\frac{1}{4}$  Lb. \$3.50.

*Mais*—GERMAN

## CORN

*Mais*—FRENCH

### SWEET OR TABLE VARIETIES

ONE QUART TO 200 HILLS; 10 QUARTS TO AN ACRE

The sweet or sugar varieties being liable to rot in cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July in rich, well manured ground, in hills three feet apart each way, covering about an inch, and thin out to three plants to a hill or plant, in rows four feet apart, and to stand eight inches apart in the rows.

### Extra Early

**GOLDEN BANTAM.** This is an early sweet corn with golden yellow grain, very tender and excellent quality. The ears are eight rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. The stalks are four to five feet high. Our stock of this splendid home garden and market variety has been very carefully selected and is decidedly superior to much that is offered. Pt. 30c.; Qt. 50c.; Peck \$3.75.

**IMPROVED EARLY ORANGE.** A most desirable extra-early variety, growing vigorously from six to seven feet in height, and producing an average of two good ears to a stalk. The ears are ready for use five days to a week earlier than those of the Golden Bantam and are from six to seven inches in length, with twelve to fourteen rows of deep rather slender grains of a light canary-yellow. It is fully equal in surpassingly delicious flavor to our Golden Bantam. Of strong growth, the larger ears are well filled and the grains are exceptionally sweet and full of milk. The grains remain soft and tender for a longer period than those of any other extra-early sweet corn. Reports from cool northern localities praise the hardness of growth and early season of maturity, while those from the South speak of the protection afforded from worms and smut by the strong, heavy husk. Pt. 30c.; Qt. 50c.; Peck \$3.75.

**RED CORY.** This popular extra early variety succeeds well where the summer is short, cool and moist. Ears six inches in length, with eight rows of quite broad grains. The cob is red. Pt. 25c.; Qt. 45c.; Peck \$3.50.

**WHITE COB CORY.** This is usually as early as the Red Cob Cory, but is rather less hardy. The grains retain their pearly whiteness when cooked. Pt. 25c.; Qt. 45c.; Peck \$2.75.

**CROSBY'S EARLY.** A most excellent early variety of fine quality. The ears are five and one-half to six and one-half inches long, fourteen rowed or more, with short nearly square grains which are very white, sweet and tender. The stalks are about four and one-half feet high. This variety is desirable for the home garden and market. It is a sort largely grown in Maine for canning. Pt. 25c.; Qt. 45c.; Peck \$3.00.

### Second Early

**MOORE'S CONCORD.** Medium early; large ears of unsurpassed quality. Pt. 25c.; Qt. 45c.; Peck \$2.75.

**COUNTRY GENTLEMAN.** This variety has a small, white cob, densely covered with irregular rows of very long slender, white grains of excellent quality. The ears are seven to nine inches long. The stalks are from six and one-half to seven feet high. It is well adapted for the home garden and market, and many consider it as the best of the later varieties. Pt. 25c.; Qt. 45c.; Peck \$3.00.



Golden Bantam  
Sweet Corn



## CORN—Continued

**POTTER'S EXCELSIOR.** Fine large ears and deep grain; one of the sweetest varieties. Pt. 25c.; Qt. 45c.; Peck \$2.75.

**Black Mexican.** This corn, when very young, cooks remarkably white, but the ripe grain is bluish black. For home use we consider it the best second early sort where tenderness and sweetness are the qualities most desired. It does especially well as a second early variety in the south. The stalks are about six and one-half feet high. The ears are about eight inches long and are usually eight rowed. Pt. 25c.; Qt. 45c.; Peck \$3.00.

### Main Crop

**STOWELL'S EVERGREEN.** This has long been the leading main-crop variety for home use, market, and canning. Our stock is carefully selected and can be depended upon to produce fine large ears of superior quality. The grains, of good size, are long and slender—entirely free from glaze or flintiness. Pt. 25c.; Qt. 45c.; Peck \$3.00.

### IMPORTANT NOTICE

To have the finest sweet corn, it must be picked in just the right condition, that is, when the skin of the grain breaks, at the slightest puncture, and plantings should be made frequently enough always to have a supply at this stage. The quality will be inferior if it is either a few days too old or too young.

### Field and Ensilage Corn

**EARLY EIGHT ROWED CANADA.** An extra early flint corn grown extensively in the North. The stalks, which average  $7\frac{1}{2}$  feet in height, are very leafy and often bear two or three ears which are 10 to 15 inches long, very compact and of a rich golden yellow color, blazed with red toward the tip end. Peck, 75c.; Bushel, \$2.50.

**LONGFELLOW.** Very largely grown in New England; is eight rowed, yellow kernel and good size. Cut is quite small and ears are from ten to fifteen inches long. Peck 85c.; Bushel \$2.75.

**LEAMING.** An early, very productive variety. One of the best for ensilage; profitable as a green fodder. Peck 75c.; Bushel \$2.25.

**EARLY SANFORD.** Very early; ears white; excellent for fodder and ensilage. Peck 85c.; Bushel \$2.75.

**EVERGREEN SWEET FODDER.** Sweet corn for ensilage. Peck 90c.; Bushel \$3.00.

**RED COB ENSILAGE.** A pure white corn; is tender and juicy, has short joints, and grows to a great height, with an abundance of leaves. Peck 75c.; Bushel \$2.25.

**EUREKA.** For ensilage this is one of the best; white kernel; grows from twelve to fifteen feet in height; makes a great amount of foliage. Peck 75c.; Bushel \$2.50.

**WHITE RICE POP CORN** for popping or seed Pt. 10c.; Qt. 20c.

Gurken—GERMAN

## CUCUMBER

Concombre—FRENCH

### ONE OUNCE WILL PLANT ABOUT 50 HILLS

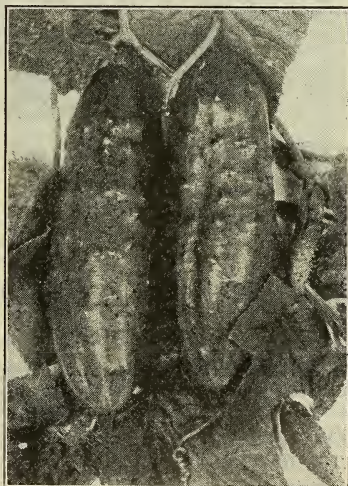
**CULTURE.** The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June. Plaster dust or an infusion of hellebore powder in water will destroy the striped bug.

**EARLY CLUSTER.** Fruit small and in clusters; very prolific. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**EARLY RUSSIAN.** Very early; short; is a valuable variety for small pickles. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 75c.

**IMPROVED EARLY WHITE SPINE.** Well flavored and of medium size. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 75c.

**DAVIS PERFECT.** A new variety; said to be the best variety for growing out of doors ever produced. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 85c.



Davis Perfect Cucumber



## CUCUMBER--Continued

**BOSTON PICKLING.** Produces an abundant crop of dark green fruit. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 75c.

**LONG GREEN IMPROVED.** Late, long, tender, and of excellent flavor. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 75c.

**JAPANESE CLIMBING.** Can be trained on a trellis or on poles. The flesh is pure and crisp. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  lb. 45c.; Lb. \$1.00.

*Parde blum*—GERMAN

## DANDELION

*Pissen lit*—FRENCH

ONE OUNCE WILL SOW ABOUT 100 FEET OF DRILL

**CULTURE.** Sow in May in drills ten inches apart; thin out to three inches apart. Cultivate during the season and in the following spring the plants will be fit for use.

**IMPROVED THICK LEAVED.** Large and tender. Pkt. 5c.; Oz. 40c.;  $\frac{1}{4}$  Lb. \$1.25; Lb. \$4.00.

*Endivien*—GERMAN

## ENDIVE

*Chicoree*—FRENCH

ONE OUNCE OF SEED TO 150 FEET OF ROW



Green Curled Endive

**GREEN CURLED.** Very hardy; leaves dark green; tender and crisp. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c. Lb. \$1.50.

**GIANT FRINGED or OYSTER 45 DAYS.** A desirable salad when blanched. Popular as a garnish. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

## EGG PLANT

*Eier Pflanze*—GERMAN *Aubergine*—FRENCH

ONE OUNCE WILL PRODUCE ABOUT 1,000 PLANTS

**CULTURE.** Sow in hot-bed early in spring and transplant when two inches high into another bed or small pots. Plant out three feet apart when weather is perfectly settled and warm. Keep the plants watered for a few days after transplanting until they begin to show signs of being established.

**EARLY LONG PURPLE.** Of distinct shape and fine quality for table. Pkt. 5c.; Oz. 40c.;  $\frac{1}{4}$  Lb. \$1.30.

*Kohl Rabi*—GERMAN

## KOHL RABI

*Poireau*—FRENCH

ONE OUNCE WILL SOW 150 FEET OF DRILL

**CULTURE.** An intermediate vegetable between the Cabbage and Turnip. Sow in April in rows eighteen inches apart, and thin out and transplant in rows eight inches apart. When three or four inches in diameter they are fit to eat. For late use sow in June or July.

**EARLY WHITE VIENNA.** Flesh white and tender; the best market sort. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70 c.; Lb. \$2.00.

**EARLY PURPLE VIENNA.** Differs from above in color, being a bluish purple. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  lb. 70c.; Lb. \$2.00.

*Lauch*—GERMAN

## LEEK

*Poireau*—FRENCH

ONE OUNCE WILL SOW 100 FEET OF DRILL

The leek is very hardy and easily cultivated. It succeeds best in a light, well-enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

**AMERICAN FLAG.** A large variety with broad leaves. Pk. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.25.

*Latish Salat*—GERMAN

## LETTUCE

*Laitue*—FRENCH

ONE OUNCE WILL PRODUCE ABOUT 3,000 PLANTS.



May King Lettuce

early sort, used largely for forcing. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**CULTURE.** Sow the seeds in hot-beds in February or March and transplant into a sheltering border with southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well or the plants will not be strong.

**BIG BOSTON.** Fine for forcing in cold frames, and for planting in the open ground. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**HANSON.** Heads, very large, solid, tender, crisp and of fine flavor; color beautiful green outside and white within. Pkt. 5c.; Oz. 10c.  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**TENNISBALL, BLACK-SEEDED.** Popular for open-air culture; heads compact, crisp and tender. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**TENNISBALL, WHITE-SEEDED.** A good

**EARLY CURLED SIMPSON, BLACK-SEEDED.** Very tender leaves; excellent quality; continues a long time in condition for use. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**EARLY CURLED SIMPSON, WHITE-SEEDED.** Heads large; very tender; excellent for first crop. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**EARLY PRIZE HEAD.** Early, hardy, and of fine flavor; leaves tinged with red. Sometimes called "Beefsteak Lettuce." Pkt. 5c.; Oz. 10c.  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**BOSTON CURLED.** Of ordinary quality, but of great beauty; highly ornamental, frilled leaves. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**MAY KING.** A very early and extra fine heading cabbage lettuce for spring and fall use in the open garden. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**WHITE PARIS COS, ROMAINE.** A sort with long, narrow, upright leaves; does not head, but when tied up blanches very easily. Pkt. 5c.; Oz. 15c.;  $\frac{1}{2}$  Lb. 45c.; Lb. \$1.25.



# MUSK MELON or CANTELOUPE

*Cantalupe*—GERMAN

*Melon Muscade*—FRENCH

ONE OUNCE WILL PLANT ABOUT 50 HILLS; 2 TO 3 LBS. IN HILLS PER ACRE

**CULTURE.** After danger of frost is past, the ground being warm and in good condition, plant in rich soil, preferably sandy loam, in hills about four to six feet apart according to the vigor of the variety. Put ten or twelve seeds in a hill, covering with about an inch of fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation, until the plants make runners so long that this is impracticable. Rich earth for young plants is far better than manure, but if the latter must be used, see that it is well rotted and thoroughly mixed with the soil.

**EMERALD GEM.** Small, extra early; smooth ribbed, dark green skin and orange flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 75c.

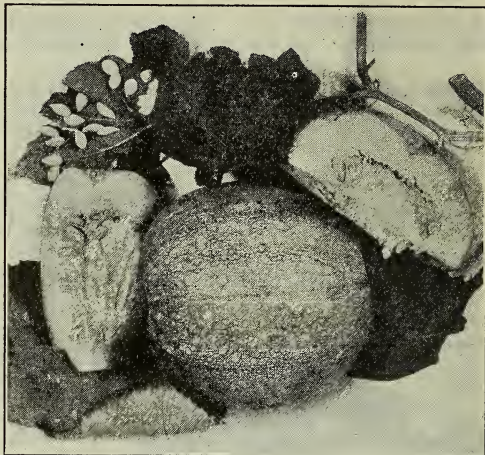
**EXTRA EARLY HACKENSACK.**

Large, round and of good quality; green flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 75c.

**ROCKY FORD or IMPROVED NETTED GEM.** Oval; one of the best; early; green flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 75c.

**LONG YELLOW CANTELOUPE.** Yellow flesh; well adapted for the North. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 75c.

**MILLER'S CREAM.** Osage type; thick, salmon-colored flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 75c.



Emerald Gem Musk Melon

*Wasser Melone*—GERMAN

# WATERMELON

*Melone eau*—FRENCH

AN OUNCE WILL PLANT ABOUT 30 HILLS; 4 TO 5 POUNDS ARE REQUIRED FOR AN ACRE

The Watermelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills about 6 feet apart, 10 or more seeds to each hill. Cover with one inch of soil and firm well with the hoe. If young plants are attacked by insects, dust them with air-slaked lime or ashes mixed with twice as much road dust. Use this frequently but sparingly, as a large quantity at one time is liable to injure the plants. When all danger from insects is past, thin to three plants to the hill. Spray with Pyrox.

**VICKY'S EARLY.** Early, medium size, oblong form, pink flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**COLE'S EARLY.** Very early; long, smooth, with bright pink flesh; fine flavor. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**PHINNEY'S EARLY.** Early and of fine quality; red flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**KOLB'S GEM.** Large; bright red flesh of fine quality, and a good shipper. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**MOUNTAIN SWEET.** An old and reliable sort; red flesh. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.



*Champignon*—GERMAN**MUSHROOM***Champignon*—FRENCH

Mushroom can be grown in cellars, in sheds, in hot-beds or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, eight inches deep. See to it that the bed is packed very solidly and evenly. In this bed plant the broken pieces of spawn, six inches apart, covering the whole with two inches of light soil, and protect from cold and rain. One brick will plant eighth to ten square feet of bed. The mushrooms will appear in about six weeks. Water sparingly and with lukewarm water.

**ENGLISH MUSHROOM SPAWN.** Fresh. Price per brick of about  $1\frac{1}{4}$  pounds 25 cents; by mail, postpaid, 35 cents per brick.

*Senf*—GERMAN**MUSTARD***Moutarde*—FRENCH**ONE OUNCE WILL SOW 40 FEET OF DRILL**

**CULTURE.** Very hardy. Seed can be sown as soon as the soil is free from frost, in shallow drills. Cut when a few inches high. It grows rapidly, and several sowings may be made. The young leaves are used for spring salad.

**WHITE.** Fine for salad or culinary purposes. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 20c.; Lb. 70c.

*Zwiebel*—GERMAN**ONION***Oignon*—FRENCH**ONE OUNCE WILL SOW 100 FEET OF DRILL; FIVE OR SIX POUNDS PER ACRE**

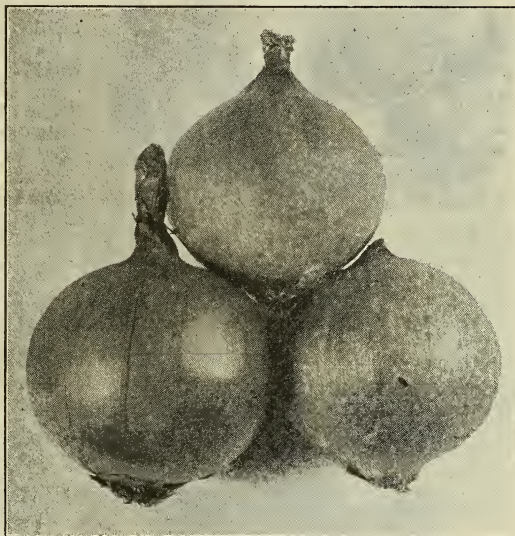
The Onion is one of the most extensively used of all vegetables. It not only contains considerable nutriment and has valuable medicinal properties, but is most useful in counteracting the bad effects of sedentary life. This disagreeable odor it imparts to the breath may be avoided in a great measure by thorough cooking, or by eating a few leaves of parsley.

In onion culture, thorough preparation of the ground, careful sowing and the best of after culture though essential for a full yield, will avail nothing unless seed of the best quality be used. Given the same care and conditions, the product from two lots of onion seed of the same variety but of different quality may be so unequal in the quantity of merchantable onions that it would be more profitable to use the good seed though it cost twenty times as much as the other. Our equipment and experience enable us to produce onion seed that is unsurpassed. The seed we offer is the best obtainable.

As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized and leveled, in rows twelve to fifteen inches apart, covering one-half inch deep. When the plants are well up, cultivate and keep free from weeds. The young plants may be thinned about one inch apart in the row. When grown for bunching, the rows can be made as close as ten inches.

**EARLY LARGE RED WEATHERSFIELD.** The best for general crop; flat in shape. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

**YELLOW GLOBE DANVERS.** An early round variety; very small neck; large yielder and good keeper; mild in flavor and uniform in size. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

**Yellow Globe Danvers Onion**

## ONION--Continued

**SOUTHPORT RED GLOBE.** Handsome and distinct; very large. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

**SOUTHPORT WHITE GLOBE.** Large globe-shaped; mild flavor and good keeper. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.; Lb. \$2.00.

**PRIZETAKER.** Large pale yellow; mild and delicate in flavor. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 50c.; Lb. \$1.50.

**WHITE PORTUGAL or AMERICAN SILVER SKIN.** Splendid when young as a salad Onion and for pickles. Early; mild flavored and excellent for first crop. Pkt. 5c.; Oz. 25c.;  $\frac{1}{4}$  Lb. 85c.; Lb. \$2.25.

## VARICK'S SUPERIOR ONION SETS

In private gardens, the cultivation of the family supply of Onions from sets has much to recommend it. The amount of labor involved is less, the danger of loss from maggots and other insects is considerably reduced, the crop is surer to grow, and is ready for use weeks in advance of that grown from seed. On a small scale where the cost of sets is not a serious item, we urge customers to use them. In fact the ideal way is to use both sets and seed—the sets for use in the spring and summer, and seed to grow bulbs for winter keeping.

Onion sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any good soil.

Add six cents per quart if sent by mail. Prices subject to market changes.

**YELLOW ONION sets.** Qt. 20c.; Pk. \$1.50; Bu. \$5.00.

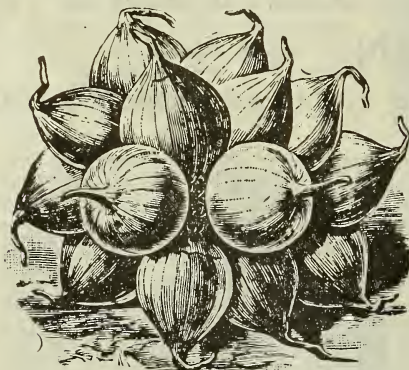
**WHITE ONION sets.** Qt. 20c.; Pk. \$1.50; Bu. \$5.50.

**POTATO ONIONS.** Qt. 20c.; Pk. \$1.25; Bu. \$4.50.

**TOP or BUTTON ONIONS.** Qt. 20c.; Pk. \$1.25; Bu. \$4.00.

**SHALLOTS.** Qt. 20c.; Pk. \$1.25; Bu. \$4.00.

**EGYPTIAN or PERENNIAL TREE** for fall planting. Qt. 20c.; Pk. \$1.25; Bu. \$4.00.



Onion Sets

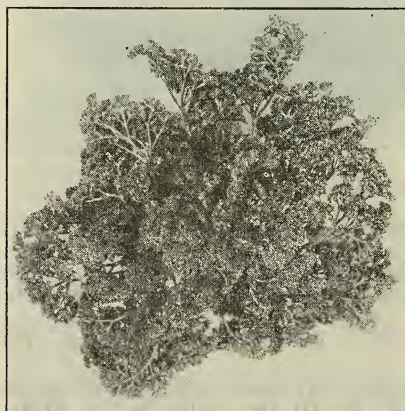
*Prices given above are those ruling when this catalogue goes to press and are subject to market changes*

*Petersilie—GERMAN*

## PARSLEY

*Persil—FRENCH*

### ONE OUNCE TO 100 FEET OF DRILL



Champion Moss Curled Parsley

Parsley seed germinates very slowly, taking two to four weeks to come up; hence, if wanted early, no time should be lost by delaying the sowing. Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in autumn, place glass frames over some of the plants to lengthen out the season of cutting. For garnishing purposes nothing equals parsley; it is also used in salads, soups, etc. Any good soil is suitable for growing this plant.

**CHAMPION MOSS CURLED.** An English variety very fine; mossy, curled. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 85c.

**DOUBLE CURLED.** Fine dwarf; crimp leaves. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 85c.



*Pastinake*—GERMAN

# PARSNIP

*Persil*—FRENCH**ONE OUNCE TO 150 FEET OF DRILL**

Sow thick in April in rows eighteen inches apart and one inch deep, in rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a sufficient quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

**HOLLOW CROWN.** One of the best grown for the table or stock. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**LONG SMOOTH WHITE.** The variety most in use; straight smooth and handsome. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.



Hollow Crown Parsnip

*Pfeffer*—GERMAN

# PEPPER

*Piment*—FRENCH**ONE OUNCE WILL PRODUCE 1,000 PLANTS.**

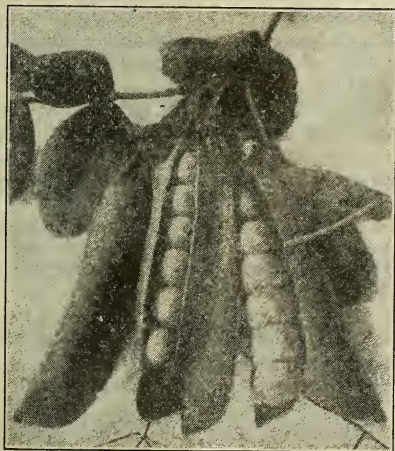
**CULTURE.** Sow in hotbeds in March, and when the soil has become warm set in rows two feet apart and eighteen inches in the rows; hoe frequently, and keep down all weeds. The plants may also be forwarded in small pots.

**SQUASH.** The best pickling Pepper; tomato shaped; medium size; thick skin. Pkt. 5c.; Oz. 25c.;  $\frac{1}{4}$  Lb. 75c.; Lb. \$2.50.

**LARGE BELL or BULL NOSE.** Nearly four inches long and three in diameter; very fine. Pkt. 5c.; Oz.; 25c.;  $\frac{1}{4}$  Lb. 75c.; Lb. \$2.00.

*Erbse*—GERMAN

# PEAS

*Pois*—FRENCH**A QUART WILL PLANT ABOUT 75 FEET OF DRILL; 2 OR 3 BUSHEL TO THE ACRE**

Sutton's Excelsior

bears earlier than Premium Gem. Grows about 12 inches high. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

Though light, warm soil is desirable for the extra early varieties. Peas generally succeed better on that which is moderately heavy. The early smooth Peas are very hardy and may be planted as soon as frost is out of the ground, and are sometimes planted in the fall. The wrinkled varieties are somewhat more tender and seed is more liable to rot if planted as early. Plant the early and dwarf varieties in drills  $2\frac{1}{2}$  feet apart and 3 or 4 inches deep, but cover with but one inch of soil and fill trench gradually as plants grow. Plant the taller and later varieties in rows 3 to 4 feet apart and 5 to 6 inches deep, covering as already suggested.

## Extra Early Dwarf Varieties

**AMERICAN WONDER.** A well known and popular variety of very dwarf habit; the earliest of the dwarf varieties. Height about 12 inches. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**NOTT'S EXCELSIOR.** The most popular of the dwarf varieties. Vine larger and more productive than the American Wonder and

## PEAS--Continued

**PREMIUM GEM.** An improved strain of Little Gem. Vine not quite so tall, more even in growth and more productive. Height about 14 inches. Pint 15c.; Quart 25c.; Pk. \$1.75; Bu. \$7.00.

**LITTLE MARVEL.** Pods a little larger than Nott's Excelsior; quality equally as good and vines produce a much larger crop. Height about 15 inches. Pint 20c.; Quart 35c.; Pk. \$2.50; Bu. \$8.50.

**SUTTON'S EXCELSIOR.** The best of dwarf varieties. The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger. In quality equal to any of the preceding, all of which compare favorably with the larger and later sorts. Height about 15 inches. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

### Extra Early Varieties of Taller Growth

**ALASKA, or EARLIEST OF ALL.** Very popular with market gardeners, due to its uniformity in ripening. Nearly the whole crop can be gathered at one picking. Vine about 2½ feet high; bears abundantly pods which, though small, are always well filled. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**GRADUS.** A remarkable variety, combining earliness with peas of large size and best quality. Matures soon after Nott's Excelsior. Vine resembles the Telephone, but is only 3 to 3½ feet high, on rich land; productive. Pods 4 inches long, straight, slightly curved at end, light green well filled. Pint 20c.; Quart 35c.; Pk. \$2.50; Bu. \$8.50.

**THOMAS LAXTON.** Vine of about the same height as the Gradus; of similar habits but much darker, hardier and more productive. More attractive and better filled with peas as large and equal in quality. Height 3 feet. Pt. 20c.; Qt. 35c.; Pk. \$2.50; Bu. \$8.50.

**EARLY MORN.** The best money pea known. It is earlier than the Thomas Laxton or Gradus. The three (3) splendid traits of this pea are (1) pods and peas are very large (2) it is a great cropper (3) it is the earliest large wrinkled pea in cultivation. Grows 3 to 3½ feet high. Pint 20c.; Quart 35c.; Pk. \$2.50; Bu. \$8.50.

**FIRST AND BEST.** The earliest and most even strain of white early peas in existence. Height 2½ feet. Pint 20c.; Quart 30c. Pk. \$2.00; Bu. \$7.50.

**MAUD S.** A very early white pea. The favorite market garden sort. Height about 2½ feet. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

### Second-Early Medium and Late Varieties

**ADVANCER.** An old popular second-early sort. Vine about 2½ feet high, vigorous and productive. Pods of medium size, broad, well filled. Peas rather under medium size but of finest quality. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**YORKSHIRE HERO.** Vine 26 to 30 inches, stout and branching, hardy and productive. Pods 3 to 3¼ inches long, broad, well-filled with peas of largest size, mealy, and of the richest flavor. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**DWARF CHAMPION.** A new variety, claimed to be equal in quality to Champion of England. Both peas and pod are considerably larger and vine is only about 2 feet high. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**EVERBEARING.** A favorite for general use; branches considerably if not too thickly planted well filled pods. Height about 3 feet. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**IMPROVED STRATEGEM.** Vine 24 to 28 inches, of vigorous habit, with good culture, productive. Pods 3¼ to 4 inches, broad, attractive, well-filled. Peas extra large and of finest quality. The tendency to sport has in a great measure been overcome in the improved strain which we offer. Pint 20c.; Quart 30c.; Pk. \$2.25; Bu. \$7.50.

**TELEPHONE.** Extensively grown. Vine 3½ to 4 feet. On good soil, productive. Pods large. Peas above medium size, of best quality. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**CHAMPION OF ENGLAND.** Vine 4½ to 5 feet high, productive. Pods 2¾ to 3 inches long, broad, well filled. Peas of medium size, much shriveled, of unsurpassed quality. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

**BLACK EYED MARROWFAT.** An old-fashioned rugged variety; bears a heavy crop. Height 5 feet. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.00.

**WHITE MARROWFAT.** Hardy and productive. Height 5 feet. Pint 20c.; Quart 30c.; Pk. \$2.00; Bu. \$7.50.

### Canada Field Peas

**CANADA or WHITE FIELD.** Unsurpassed as a green feed for milch cows. Sow with oats or barnyard millet, broadcast, two bushels peas and two bushels oats per acre or eight quarts barnyard millet. Qt. 20c.; Pk. \$1.25; Bu. \$4.00.



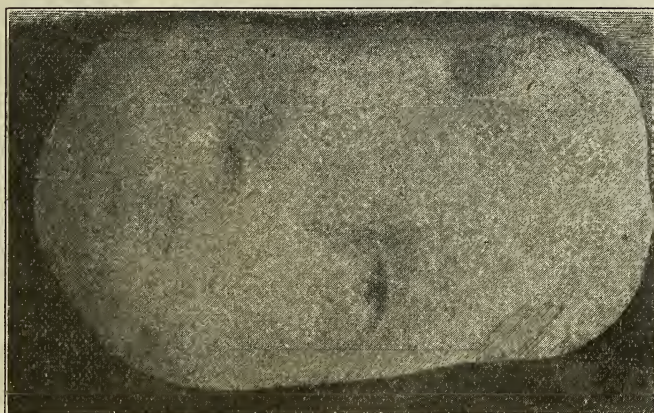
# POTATOES

(Prices subject to market changes)

10 TO 12 BUSHELS, OR ABOUT 4 BARRELS SUFFICIENT FOR ONE ACRE. ONE PECK WILL PLANT 75 HILLS

"ALL OUR SEED STOCK IS GROWN IN AROOSTOOK CO., MAINE"

All our seed stock is grown for us by one of the most reliable growers in Aroostook County, Maine. The seed stock is carefully selected, free from rot and scab and also treated with Formaldehyde and Corrosive Sublimite, and the entire work is under the personal supervision of an expert pathologist from the Department of Agriculture at Washington. Our seed potatoes are also shipped in new burlap bags, for which we make no charge. The department of agriculture tells us that potato disease has been transmitted by the use of old second-hand bags. While the price of cooking potatoes is usually very low, it costs more this year than ever before for good pure seed stock.



Green Mountain Potato

**CULTURE.** Any good, well drained, fibrous loam will produce Potatoes under right climatic conditions. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often.

**BEAUTY OF HEBRON.** A standard sort; pure white skin and flesh; an excellent cropper.

**EARLY ROSE.** Our stock of this standard variety is especially good.

**GREEN MOUNTAIN.** A second early of superior quality; a large yielder and good keeper.

**NORCROSS.** A magnificent late variety; flesh pure white; exceptionally fine quality.

**GOLD COIN.** Splendid late variety; white flesh; good size; small eye.

## PRICES ON APPLICATION

*Grosse Kuebis*—GERMAN

# PUMPKIN

*Potiron*—FRENCH

ONE QUART·WILL PLANT 300 HILLS

**CULTURE.** May be planted middle of Spring among Indian Corn or in field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in same manner as Melons and Cucumbers; avoid planting near other vines. 2 pounds to acre.

**CONNECTICUT FIELD.** The common large yellow Pumpkin; excellent for stock. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**SUGAR OR SWEET.** Excellent for baking and for pies. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

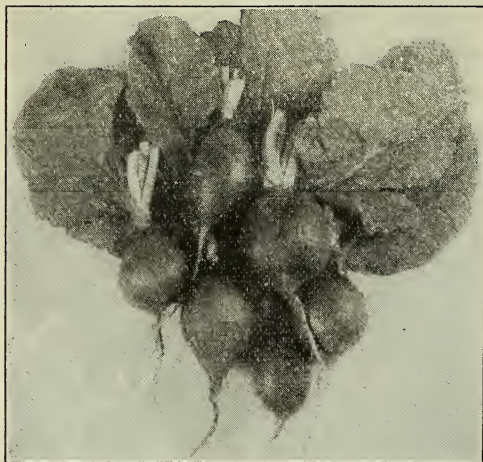
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

*Retteg*—GERMAN

## RADISH

*Rades*—FRENCH

AN OUNCE WILL SOW 100 FEET OF DRILL.



Early Scarlet Globe Radish

let with tip of clear white, early and attractive; suitable for forcing and outside planting. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**SCARLET GLOBE.** Root globular, or slightly olive-shaped. Brilliant red, which it holds long after pulling. Though top is somewhat larger than that of some forcing varieties, it is more largely used for forcing than any other because less liable to be pithy, and is also for this reason the popular variety with market-gardeners for outdoor planting. We offer a proved and unsurpassed stock. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**FRENCH BREAKFAST.** A stump-rooted radish, about 3 inches long. Bright scarlet, tipped white. An old favorite for home garden. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**EARLY LONG SCARLET, SHORT-TOP.** Once the most popular radish, but has been largely displaced by the round varieties. Six to 8 inches long, ready to pull in twenty-five to thirty days from sowing. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**WHITE ICICLE.** The best long white radish. Very early, with long, slender, pure white roots. The roots grow about 4 inches long, are of a transparent whiteness, brittle, crisp, and of mild flavor; tops very small. They will keep crisp and fresh for a long time. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**LONG BLACK SPANISH WINTER.** One of the hardiest and best for winter use. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**ROUND BLACK SPANISH.** White flesh with black skin. Pkt. 5c.; Oz. 10c.  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**WHITE STRASBURG.** The German favorite. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**CULTURE.** Sow as soon as the ground is dry in the Spring, in rows 8 to 12 inches apart, every week or 10 days for succession, up to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early Fall for late crops and Winter use. Sow 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies particularly to small turnip-shaped sorts.

**EARLY SCARLET TURNIP.** A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**EARLY SCARLET TURNIP, WHITE-TIPPED.** Root nearly round, slightly flattened at bottom, bright scar-

*Boksvart*—GERMAN

## SALSIFY or OYSTER PLANT

*Salsefis*—FRENCH

ONE OUNCE WILL SOW 50 FEET OF DRILL

**CULTURE.** The directions for growing and keeping are the same as for parsnips.

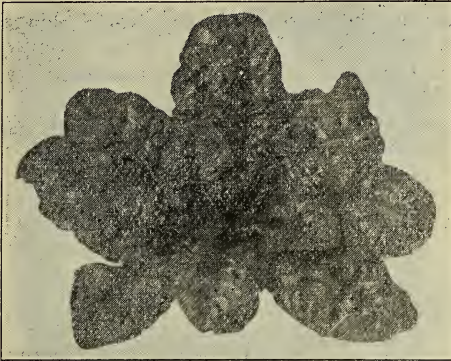
**IMPROVED WHITE.** Root of medium size; white and smooth. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.

**MAMMOTH SANDWICH ISLAND.** Twice as large as the preceding and of fine quality. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.50.



*Spinat*—GERMAN**SPINACH***Espinard*—FRENCH

ONE OUNCE WILL SOW 50 FEET OF DRILL; 12 POUNDS TO THE ACRE



Round Thick Leaved Spinach

**CULTURE.** Spinach is cultivated very extensively for spring and winter "greens." A profitable crop for market. Select a rich, well-drained soil, highly manured. For a succession the seed may be sown early in April and again in May, in drills one inch deep, properly thinning out when plants are an inch in the leaf. For the principal crop, sow from first to middle of September, on ground from which a summer crop has been taken, protecting the crop with a light covering of straw or leaves. In the South no covering is necessary.

**ROUND, THICK LEAVED.** A sort adapted for early spring sowing; leaves are thick, large. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. \$1.10.

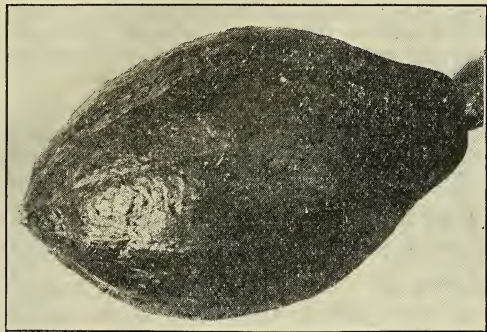
**NEW ZEALAND.** A distinct, spreading plant that produces an abundant supply of greens all summer. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 40c.; Lb. \$1.20.

**LONG STANDING.** Large thick leaves; best for spring sowing. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c. Lb. \$1.10.

*Kurbiss*—GERMAN**SQUASH***Courge*—FRENCH

AN OUNCE OF SMALL SEEDED VARIETIES WILL PLANT 30 TO 40 HILLS; OF THE LARGER SEEDED VARIETIES, 12 TO 15 HILLS

The Squash is very tender and should not be planted until all danger of frost and cold nights are passed. It thrives best in warm soil, which can hardly be made too rich; manure should be worked well into the soil over the entire area, and hills should have a liberal quantity of that which is well rotted. To avoid borers, it is more or less the custom to plant as late as possible and is often done as late as the middle of June. In such case, an application of commercial fertilizer or nitrate of soda greatly hastens the first growth. The early bush varieties are generally planted in hills about 5 feet apart and the running varieties about 10. Thin to three plants to the hill.



Improved Green Hubbard Squash

Bush varieties, one ounce to 40 hills.

Running varieties, one ounce to 20 hills.

Two to four pounds per acre.

**MAMMOTH WHITE BUSH SCALLOP.** Standard summer variety; good for home or market. Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

**EARLY SUMMER CROOKNECK.** Yellow fruit; large and good. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

**AMERICAN TURBAN.** Orange yellow flesh; dry, rich and sweet. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

**ESSEX HYBRID.** A hard-shell turban; fine for winter. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

## SQUASH—Continued

**BOSTON MARROW.** Follows the summer sorts in season; a good fall and winter sort. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c.

**HUBBARD.** A standard winter sort. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

**GOLDEN HUBBARD.** Similar to the old-fashioned Hubbard in size and form. Skin rich deep yellow. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  lb. 35c.; Lb. \$1.00.

**DELICIOUS.** One of the best winter varieties. Color almost uniform, of a green shade, with occasionally a blue specimen. Pkt. 5c.; Oz. 15c.;  $\frac{1}{4}$  Lb. 45c.; Lb. \$1.25.

**WARTED HUBBARD.** A superior strain of mammoth size and entirely covered with warty excrescences. Rich dark green. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 30c.; Lb. 90c.

*Steckrube*—GERMAN

## TURNIP

*Navet*—FRENCH

### ONE OUNCE TO 150 FEET OF DRILL

For early use sow as soon as the ground opens in the spring in drills from twelve to fifteen inches apart; thin out to six or nine inches in the rows. For a succession, continue to sow every two weeks until June; for a fall and winter crop sow in July and August. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form out of doors in dry ground; cover carefully with long straw and finish by earthing up, covering them with about twelve or fifteen inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.

The value of Turnips and Ruta Bagas for feeding stock in fall and winter is not fully appreciated, as they are much liked by all kinds of stock and serve to keep them in good condition. They should not be fed, however, in large quantities to milch cows, or the flavor of the milk will be disagreeably affected. We recommend that farmers increase their sowings largely, for we are sure the crop will prove remunerative for stock feeding as well as for table use when the roots are comparatively small.

Both of these wholesome vegetables are very easily affected in their form and flavor by soil, climate, and mode of culture. The Turnip plant is distinguished from the Ruta Baga by its rougher leaves; the root usually matures earlier and is smoother and more symmetrical. There are a great many varieties but our list comprises the best for the garden and farm.

**PURPLE TOP STRAP LEAF.** One of the finest of the flat turnips; rapid in growth and early in ripening; valuable alike for home and market. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**WHITE EGG.** A quick growing variety, smooth, pure white; grows half out of the ground; very sweet. Pkt. 5c. Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; Lb. 65c.

**PURPLE TOP WHITE GLOBE.** An early globe-shaped variety. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

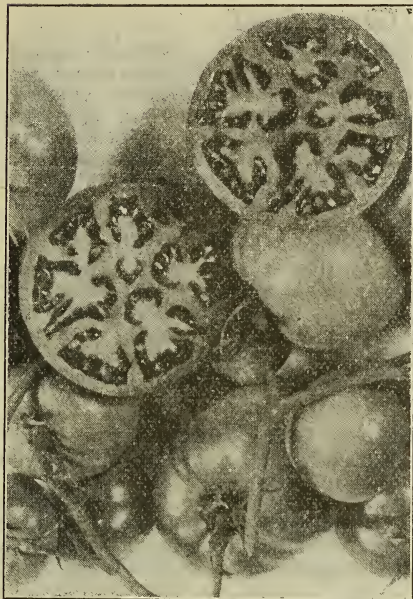
**GOLDEN BALL.** Delicious in flavor and matures quickly. Color golden yellow. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**WHITE SWEET GERMAN.** Flesh white, hard and firm; should be sown earlier than the flat turnips. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

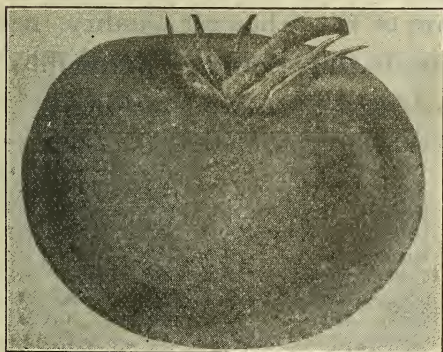
**YELLOW RUTA BAGA.** Flesh yellow, firm, rich, solid, sweet; very hardy; prolific, tender. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.

**ST. ANDREW'S YELLOW RUTA BAGA.** A yellow flesh variety of excellent quality. Pkt. 5c.; Oz. 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 65c.



*Leibsapfel*—GERMAN**TOMATO***Tomate*—FRENCH**ONE OUNCE WILL PRODUCE ABOUT 2,000 PLANTS**

Chalk's Early Jewel Tomato



June Pink Tomato

This vegetable is one of the most important of all garden products. They thrive best in a warm, light rich soil. For early plants, sow about the first week in March in a hotbed, or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep and four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill.

**EARLIANA.** The earliest large tomato.

Its large size, handsome shape, beautiful red color and fine quality are unsurpassed by any of the best early and medium sorts. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 60c.; Lb. \$2.00.

**NEW STONE.** Very smooth, solid, thick flesh; bright scarlet. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 60c.; Lb. \$1.75.

**DWARF CHAMPION.** Dwarf and strong habit of growth; very solid and of extra quality. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 60c.; Lb. \$2.25.

**JUNE PINK.** This is a new variety, similar in habit to the Earliana, differing only in color, which is pink instead of red. Pkt. 5c.; Oz. 30c.;  $\frac{1}{4}$  Lb. 85c.; Lb. \$3.00.

**PONDEROSA.** Bright crimson, very large and solid. Pkt. 5c.; Oz. 30c.;  $\frac{1}{4}$  Lb. 85c.; Lb. \$3.00.

**CHALK'S EARLY JEWEL.** Bright red, extra early; fine flavor and very productive. Pkt. 5c.; Oz. 20c.;  $\frac{1}{4}$  Lb. 70c.; Lb. \$2.50.

**VARICK'S LAWN GRASS SEED**

**Produces quickly after sowing a luxuriant velvety growth of rich verdure. Eventually a firm, durable sward which, with proper care, will last indefinitely**

**VARICK'S LAWN GRASS SEED** produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, deep and elastic turf, and is usually ready for cutting six weeks from time of sowing. This celebrated lawn grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## VARICK'S LAWN GRASS SEED--Continued

habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained from snow to snow, without burning brown in summer.

### Varick's Lawn Grass Seed

**VARICK'S LAWN GRASS SEED** is composed exclusively of the best re-cleaned seeds of the choicest fine-bladed grasses, to which is added a suitable quantity of white clover, but not too much. This heavy, re-cleaned seed, free from chaff, is much stronger in vitality than usual grades. A given measured quantity will produce three to four times as many grass plants, besides making a stronger and quicker growth. Price in cartons containing one pint of Lawn Grass Seed, 10 cents; one quart, 20 cents; price by the pound, 25 cents; 10 to 20 pound quantities 22 cents pound; 20 pounds and over 21 cents per pound.

A quart will sow about 250 square feet; a pound about 300 square feet.

### Varick's "Shady Nook" Lawn Grass Seed

Many of our customers, having fine shade trees in their lawns or shaded corners receiving but little sunlight, have written regarding the difficulty of securing a good growth of grass under the trees or in other heavily shaded locations. As this mixture is composed entirely of choice clean seed of the finest and most costly grasses, it cannot be sold at so moderate a price as our regular lawn mixture. It is all clean heavy seed, free from chaff, and will give the best results with a minimum quantity of seed. Price per quart, 30 cents. Special prices for 10 pounds and upwards.

### Varick's "Golf Links" Grass Seed

**MIXTURE.** This mixture is composed exclusively of fine-bladed grasses which will withstand frequent close cutting and tramping. It is free from weed seed and contains no White Clover (the latter not being suitable for the closely cut golf lawn). While the directions in our leaflet on the care of the lawn will apply to the golf lawn, we shall be glad at any time to answer special inquiries, and our grass seed expert will advise concerning the quantity of seed needed and the best preparation and subsequent management of the lawns and "putting greens." Price per quart, 30 cents.

Price for larger quantities on application.

## VARICK'S RELIABLE FARM SEEDS

All Our Grass and Clover Seeds are of the Choicest Quality, new Crop Seeds of the Highest Germinating Power; Thoroughly Cleaned by the Most Improved Seed-Cleaning Machinery

### STANDARDS OF PURITY AND GERMINATION OF AGRICULTURAL SEEDS



ALSIKE CLOVER.



CRIMSON CLOVER.

Seed	Purity %	Germination %
Alfalfa,	98	85—90
Barley,	99	90—95
Blue grass, Kentucky,	90	45—50
Buckwheat,	99	90—95
Clover, alsike,	95	75—80
Clover, crimson,	98	85—90
Clover, red,	98	85—90
Clover, white,	95	75—80
Corn, field or ensilage,	99	90—95
Corn, sweet	99	85—90
Cowpea,	99	85—90
Fescue, meadow,	95	85—90
Millet,	99	85—90
Oats	99	90—95
Peas,	99	93—98
Rape,	99	90—95
Redtop,	95	75—80
Rye,	99	90—95
Spinach,	99	80—95
Timothy,	99½	94—96
Turnip,	99	90—95
Wheat	99	90—95



# GRASS SEEDS and CLOVERS

ALL ORDERS WILL BE FILLED AT LOWEST PRICE WHEN THEY ARE RECEIVED,  
AND WE WILL TAKE PLEASURE IN QUOTING PRICES AT ANY TIME

Kinds of Grass	Kinds of Lands to Which Best Adapted.	Quantity to Acre When Sown Alone.	Weight Per Bushel.
Timothy .....	Stiff, loamy or bottom lands	1½ bushel	45 pounds
Red Top (re-cleaned) .....	Stiff, loamy or bottom lands	12 pounds	35 pounds
Hungarian .....	Sandy, light or loamy soil	1 bushel	48 pounds
Japanese Millet .....	Sandy, light or loamy soil	20 pounds	32 pounds
Golden Millet .....	Sandy, light or loamy soil	1 bushel	50 pounds
Orchard Grass .....	Shady situation, loamy and stiff uplands	3 bushels	14 pounds
Kentucky Blue Grass .....	Loamy and stiff soil	3 bushels	14 pounds
Rhode Island Bent .....	Light and loamy soil	3 bushels	10 pounds
Creeping Bent .....	Light and loamy soil	3 bushels	20 pounds
Fowl Meadow Grass .....	Wet meadows	2 bushels	10 pounds
Red Clover .....	Loamy and stiff soil	¼ to 1-3 bushel	60 pounds
Pea Vine Clover .....	As Red Clover, but larger growth	¾ bushel	60 pounds
Alfalfa, or Lucerne Clover .....	Light or deep loam	1-6 bushel	60 pounds
Alsike Clover .....	Loamy or stiff bottoms	1-3 bushel	60 pounds
Crimson Clover .....	Light, loamy or stiff soil	1-5 to ¼ bushel	60 pounds
White Clover .....	Light, loamy or stiff soil	15 pounds	60 pounds
Italian Rye Grass .....	Light, dry and stiff uplands	2½ to 3 bushels	11 pounds
Perennial Rye Grass .....	Stiff lands and rich bottoms	2½ to 3 bushels	20 pounds
Wood Meadow .....	Loamy and stiff uplands	2 to 2½ bushels	20 pounds
Rough Stalked Meadow .....	Low, wet and shady situations	2½ to 3 bushels	14 pounds
English Rye Grass .....	Moist, sheltered and low situation	3 bushels	14 pounds
Sweet Vernal Grass (annual) .....	Moist, sheltered and low situations	2 bushels	24 pounds
Sweet Vernal Grass (perenn.) .....	Stiff land and rich loamy soil	2 bushels	11 pounds
Meadow Foxtail .....	Stiff land and rich, loamy soil	3 bushels	11 pounds
Crested Dogtail .....	Light, loamy or stiff soil	1½ to 2 bushels	8 pounds
Sheep Fescue .....	Light, loamy or stiff soil	2½ to 3 bushels	21 pounds
Sheep Fescue—fine leaved .....	Dry, light soil	35 pounds	12 pounds
Hard Fescue .....	Light, loamy soil	30 pounds	14 pounds
Various Leaved Fescue .....	Cold, moist land, and shady lawn	30 pounds	15 pounds
Meadow Fescue .....	Moist and low situations	2 bushels	15 pounds
Tall Fescue .....	Moist and shady situations	2 bushels	5 pounds

## GRAINS, ETC.

ALL THE LOWEST MARKET RATES AND OF THE BEST QUALITY.

### BUCKWHEAT

48 Pounds to the Bushel; 1 Bushel to the Acre

**JAPANESE.** The most valuable kind grown.

Very distinct and superior. Grain is larger than that of any other variety; does not need to be sown as thickly. Long straw.

**SILVER HULL.** A very prolific yielder, with the grain of a light, silvery gray. Makes pure, white, nutritious flour.

### RYE

56 Pounds to Bushel; 1 to 1½ Bushels to Acre

**SPRING RYE.** One of our specialties. Valuable for sowing where winter grain has been killed. Ripens early; produces an abundance of grain and straw.

**WINTER RYE.** The standard variety used for fall sowing.

### JAPANESE MILLET

32 Pounds to Bushel

Very productive; an excellent fodder. Sow in May and June; broadcast, 15 to 20 pounds to acre, or in drills, 8 pounds to acre.

### BARLEY

48 Pounds to Bushel; 2 Bushels to Acre

**TWO-ROWED.** Best for threshing large, plump seed.

**SIX-ROWED.** Sown largely for fodder.

**SUCCESS BEARDLESS.** A six-rowed variety that is practically free from the poisonous beard. It is early and productive.

### DWARF ESSEX RAPE

48 Pounds to Bushel

Makes excellent pasture for sheep and cattle within six weeks from time of sowing. Sow in May or August; 15 pounds to the acre broadcast, 10 pounds per acre in drills.

### VETCHES OR TARES

**SPRING.** Culture same as field peas. Sow 1½ bushels per acre.

**WINTER.** Also called sand or hairy vetch. Recommended for fall sowing with rye. 1½ bushels per acre.

# VARICK'S RELIABLE FLOWER SEEDS

Produce the Most Beautiful Flowers that Grow

Varick's Reliable Flower Seeds are Fresh, Pure and True.

Very Large Packets 5c. each

Plain Culture Directions Printed on Each of Our Flower Seed Packets. With This Help You are sure of Success

**ACROCLINIUM.** A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in Winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. Double mixed. Pkt. 5c.

**ADLUMIA.** Mountain Fringe. Cirrhosa. A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden Hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, etc., it is very desirable. Flowers the first year from seed. Pkt. 5c.

**ADONIS.** Aestivalis. Flos Adonis. One foot. Pretty little plant, with feathery, fresh green foliage, dotted with innumerable small blood-red flowers. Pkt. 5c.

**AGERATUM.** One of the best Summer-blooming plants. They are rapid growers and constant bloomers. During the hot, dry Summer months the bright flowers are produced in the greatest profusion of charming blue or white flowers. Pkt. 5c.

**ALYSSUM, SWEET.** Little Gem. A beautiful white variety of Sweet Alyssum, especially adapted to edging borders and rock work. The plants grow about 6 inches, produce hundreds of flowers and form a mass of blooms 15 to 18 inches in diameter. Hardy annual. Pkt. 5c.

**AMARANTHUS.** Candatus. Love Lies Bleeding. Rapid growing garden annual, with long, drooping crimson flowering spikes, 3 to 5 inches high. Pkt. 5c.

**AMARANTHUS.** Tri-color. Joseph's Coat. Showy annual foliage plant for gardens; leaves red, yellow, green, etc., 3 feet. Pkt. 5c.

**ANTIRRHINUM.** Snap Dragon. Beautiful spikes of gaily colored flowers. They are one of the best cut flowers which can be grown from seed. While for beds or borders they are a pleasure, being in flowers all the time if placed in a sunny position. Pkt. 5c.

**AQUILEGIAS,** or Columbines. An elegant, graceful beautiful Spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting. Double mixed. Pkt. 5c.

**ASPARAGUS.** Sprengeri. Emerald Feather. One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the greenhouses in Winter and outdoors in the Summer. Pkt. 5c.

Mixed, includes the above varieties. Pkt. 5c  
Mixed Pkt. 5c

**GIANT COMET ASTER.** "Branching White." Of fine-branching growth, the large flowers are of the purest white and very desirable for cut-flowers. Pkt. 5c.

**GIANT COMET, MIXED.** Fully equals in feathery form and fine coloring the regular strain of Comet Asters, but the plants are of stronger growth and produce larger flowers. Pkt. 5c.

**SEMPLER'S BRANCHING ASTER.** A class of very strong growing asters usually not coming into bloom until the latter part of August, but producing on very long stems full petalled, exceptionally large and deep, double blossoms of fine form. The petals are long, rather broad and of exceptional substance, and the blooms stand shipment well. The plants are distinctly branching in habit of growth and are about two feet high. For many years this class with us has been almost entirely free from the aster blight.

**SEMPLER'S BRANCHING MIXED.** A superb mixture of all the shades and colors found in the Sempler's class of late branching asters. Pkt. 5c.

**TRUFFAUT'S PERFECTION PEONY FLOWERED ASTER.** The plants of this midseason class are of upright growth and are about two feet high. They produce on long stems large, brilliantly colored ball shaped flowers, with the petals curving upward and inward.

**MIXED.** Many shades and colors, ranging from white to deep rose and dark blue. Pkt. 5c.

**MAMMOTH OSTRICH PLUME ASTERS.** These truly grand Asters win enthusiastic admiration from all who see them. They are a highly developed American type of the German Comet, Hohenzollern or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size 4 to 5 and often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes, equaling some of the finer Ostrich Plume Crysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet, each plant bearing from 20 to 30 of these magnificent flowers on very long stems which gives them an added value for cutting and vasing.

Mixed Colors Pkt. 5c  
White Pkt. 5c

**ASTER, FINEST MIXED.** A mixture of very fine strains and colors. The bed can be made more attractive by pulling up the early plants as soon as they are out of bloom. Pkt. 5c.

**BALLOON VINE.** Love in a Puff. A rapid growing annual climber, succeeds best in light soil and warm situation; flowers white, seed vessels look like miniature balloons and they are of great interest. Pkt. 5c.

**BALSAM OR LADY SLIPPER.** These are very beautiful for borders; the plants make perfect little bushes with flowers that are double; the colors are very pretty and pleasing. Pkt. 5c.

**BRACHYCOME.** Swan River Daisy. Free-flowering, dwarf-growing annuals; covered during the greater part of Summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. Pkt. 5c.

## ASTER

**VICTORIA.** An early strain superior to the old type of Victoria. The flowers are large when grown under favorable conditions, sometimes three inches across and are very full in the center. The petals are broad and thick and curve outward, reflexed at the ends, and overlap very regularly. The plants are distinctly upright in growth, and about fifteen to eighteen inches high.

White Pkt. 5c  
Light Rose Pkt. 5c  
Light Blue Pkt. 5c  
Apple Blossom Pkt. 5c  
Dark Crimson Pkt. 5c  
Dark Scarlet Pkt. 5c



## ASTER—Continued

**CALENDULA.** Pot Marigold. A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. Pkt. 5c.

**CALLIOPSIS.** Showy garden annual, 1 to 2 feet high; producing profusely large flowers of brilliant shades, ranging from canary to orange-red and maroon. Pkt. 5c.

**CANTERBURY BELL.** Campanula Medium. Handsome, hardy biennial of stately growth, rich color and profuse bloom. Has large bell-shaped flowers, are effective in various colors. Height two to four feet. Pkt. 5c.

**CANDYTUFT.** White. The finest of all the white varieties, being a complete mass of pure white flowers, in bloom throughout the season. Grows 12 inches high. Pkt. 5c.

**CANDYTUFT.** Mixed. Most excellent mixture, rose, crimson, white, purple, etc. Bushy plants 12 inches high growing large umbels of flowers. Pkt. 5c.

**CANDYTUFT.** Gibraltaria. It has magnificent, large, hyacinth-like pikes or purple flowers shading to white, dwarf profuse garden annual. 1 foot high. Pkt. 5c.

**CANARY BIRD VINE.** A rapid-growing Summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 5c.

**CANNA.** Giant-flowered, mixed. Pierce the seed in one spot with a file and soak in luke warm water for 24 hours before sowing. Named Cannas do not come true from seed, so we only offer the seed in mixture. Pkt. 5c.

**CARNATION.** Marguerite. The plants of this wonderfully fine strain may be made to bloom in 12 weeks. The flowers are large, double, very fragrant and appear in very attractive shades of color. Pkt. 5c.

**CELOSIA.** Cockscomb. This beautiful dwarf plant has dark green leaves and forms immense cockscomb-like heads; ostrich plumes, etc. Pkt. 5c.

**CENTAUREA.** Sweet Sultan. The newest sort 2 to 3 feet high with large flowers 3 to 4 inches across, varieties of colors and shades, popular garden annual, easy culture, large fragrant flowers, excellent for cutting. Pkt. 5c.

**CENTAUREA.** Corn-flower, or Bachelor's Button. Showy, hardy border plants about 2 feet high and bearing freely during the Summer, corn-flower-like heads of bloom. Pkt. 5c.

**CENTAUREA.** Candidissima. Dusty Miller. White foliage used for bedding, edging, vases, etc. Pkt. 5c.

**CHRYSANTHEMUM.** Single and double. Most gorgeous and prettiest varieties mixed annual, free Summer blooming garden flower, 1 to 1½ feet high. Pkt. 5c.

**CHRYSANTHEMUM.** Perennial. Single and double varieties. Hardy plants for permanent borders and gardens, compact bushes 1½ to 2 feet, splendid cut flowers, has long stems. Pkt. 5c.

**CINERARIA.** Hybrid Grandiflora. Choicest mixed for the window box. Conservatory; large flowers from 2 to 3 inches across, various colors borne in profusion in the Spring. Pkt. 5c.

**COBOEA.** Scandens. A fine, rapid-growing climber with handsome foliage and large bell-shaped flowers, the plant will run about 30 feet in a season, covering a large arbor with handsome foliage and beautiful flowers. Pkt. 5c.

**COBOEA.** Scandens Alba. A climber of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc., will cling to any round surface; bearing large, pure white, bell-shaped flowers. Pkt. 5c.

**COCINEA.** Indica. A remarkably pretty annual climber; luxuriant Ivy-like foliage; small flowers followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white. Pkt. 5c.

**COLEUS.** The showy plants are grown for their bril-

liant foliage, which forms the bases of the ribbon beds of foliage plants in the parks and lawns; set out the young plants when the trees are out in leaf. Pkt. 5c.

**COLEUS.** Fringe and lacinated. The fringed type has large leaves cut out in the most delicate manner on the border. The lacinated type is very odd; each leaf seems to be composed of numerous small leaflets. Pkt. 5c.

**CONVOLVULUS MINOR.** or Dwarf Morning Glory. Fine bushy plants, 12 inches high by 2 feet in diameter, bearing profusely beautiful mixed colors. Pkt. 5c.

**COREOPSIS.** Lancelota Grandiflora. Harvest Moon. One of the finest, hardiest garden plants grown, forming bushes 2 to 3 feet high bearing quantities of long stemmed large single yellow flowers, throughout the Summer. Pkt. 5c.

**COSMOS.** Mammoth. A very effective Autumn flowering plant, hardy and rapid growing, forming bush-like plants 5 to 8 feet high and covered with large single, Dahlia-like flowers. Pkt. 5c.

**COSMOS.** Early flowering. Mixed colors of bushy growth, 4 feet high, flowers while smaller than those of the mammoth varieties, are produced from July throughout the season. Pkt. 5c.

**CYCLAMEN.** Persicum. Giant double flowers, finest mixed colors. Pkt. 5c.

**CYPRESS VINE.** Mixed. For training on trellises the Cypress Vine cannot be excelled. It has a profusion of scarlet and white star-shaped blossoms and its finely cut foliage is particularly adapted to ornamental work. Pkt. 5c.

**DATURA.** Angel's Trumpet. Three feet. Handsome plants for subtropical bedding in Summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny sheltered position. Make grand pot plants for the greenhouse. Double mixed. Pkt. 5c.

**DELPHINIUM.** Hardy perennial Larkspur. Double and single hybrid. Finest mixed colors. Among our best plants for mixed borders producing spikes of flowers. Pkt. 5c.

**DIANTHUS.** Double annual. China Pinks. They form bushy plants about a foot high, producing freely all Summer long flowers of most brilliant colors. One of our most effective garden plants. Pkt. 5c.

**DIANTHUS.** Hardy. perennial Pinks. Pheasant's Eye Pink. Bush plants of large fragrant blossoms. Pkt. 5c.

**DIANTHUS.** Double Hardy Dwarf Grass Pinks. An improved type of the old fashioned pinks of dwarf sturdy growth, with large, double fringed, fragrant flowers of various colors. Pkt. 5c.

**DIGITALIS.** Fox Glove. Finest mixed colors. Hardy perennial of easy culture, producing long spikes of tubular flowers of various colors 3 to 5 feet. Pkt. 5c.

**DOLICHOS.** Hyacinth Beans, or Texas Climber. A fine climber, with clusters of purple or white flowers followed by ornamental seed pods. Tender annual. Growing from ten to twenty feet high. Pkt. 5c.

**ESCHSCHOLTZIA.** California Poppy. Mixed. Popular garden annuals of easy culture. Forming bushy plants about 1 foot high, bearing large saucer-shaped flowers. Pkt. 5c.

**EUPHORBIA.** Strong growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental. Pkt. 5c.

**FEVERFEW.** Matricaria. A free-flowering, half-hardy, perennial plant growing 18 inches high. Seed sown early in Spring in the open ground will produce flowers by early fall. Has double pure white flowers one-half inch in diameter, and produced in large clusters on a long stem; fine for cutting and quite hardy. Pkt. 5c.

**FORGET-ME-NOT.** (Myosotis). This is a favorite old fashioned flower, bearing in profusion, especially in fall and spring, clusters of dainty blue five-petaled blossoms. It thrives well in the shade or open border but flourishes best in a moist, shady situation. Pkt. 5c.

**FOUR O'CLOCK.** (Marvel of Peru, *Mirabilis Jalapa*.)

Large and beautiful, old fashioned plants of erect bushy habit which produce in profusion a succession of brilliantly colored tube-shaped flowers, that open about four o'clock in the afternoon, remaining open all night and usually are closed before noon the next day. The flowers are red, white, yellow, or are striped and blotched in shades of these colors. Very desirable for borders, along a wire fence, or as the background of a flower garden, blooming during the late summer and autumn. Pkt. 5c.

**GAILLARDIA.** Showy bedding and border plants, remarkable for the profusion size and brilliancy of their flowers, blooming the first year among the gayest ornaments of the garden in summer and autumn. Combinations of yellow and red predominate in the highly colored single and double flower-heads, two inches or more across, which are borne singly well above the foliage on long, slender stems, suitable for cutting. Leaves alternate, simple, and more or less toothed. Pkt. 5c.

**GLOBE AMARANTH.** (*Gomphrena globosa*.) A desirable everlasting, valued for its handsome small, globular flower heads, which, if cut, when well matured, will retain their beauty through the winter. Pkt. 5c.

**GODETIA.** Satin Flower. A most attractive bushy little annual plant with bright flowers opening in the morning and closing at evening; very effective in gardens; not serviceable as a cut flower; height 15 inches. Choice mixed. Pkt. 5c.

**GOURDS.** Mixed. All kinds, shapes and colors. Annual climbers, 10 to 30 feet, bearing ornamental Gourds. Pkt. 5c.

**GYPSOPHILA.** 2 feet, *Elegans Grandiflora Alba.* Angel's Breath. Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. This is an improved, large-flowering, pure white of free, easy growth. Pkt. 5c.

**HELICHRYSUM.** Straw Flower. Large flower, double, finest mixed colors. Annual. 1 to 2 feet high. Double everlasting flower, in shades of yellow, white, red, dark blue, etc. Pkt. 5c.

**HELIOTROPE.** Dark blue and white. The well-known fragrant flowering plants. 1 to 2 feet high. For pots and gardens. Pkt. 5c.

**HIBISCUS.** Hardy variety. Marsh Mellow. A very vigorous plant of easiest culture, growing about 2 feet high, with handsome, cream-colored single flowers. Hardy annual. Pkt. 5c.

**HOLLYHOCK.** Double Superb. Mixed. Favorite hardy plants, with immense flowers on spikes from 4 to 6 inches high. Bolgiano's strain of Double Hollyhocks are famous for beauty and coloring. Pkt. 5c.

**HUMULUS.** Japonicus. Japanese Hop. Rapid growing annual climber. 20 to 30 feet high, with dense green foliage. Pkt. 5c.

**IPOMEA GRANDIFLORA SUPERBA.** Japanese Morning Glory. A handsome showy climber of easy culture and suitable for covering windows, trellises, old stumps, etc. The flowers are most brilliant in the morning and run through many shades, from white to dark blue, red and striped. Hardy annual. 30 to 50 feet high. Pkt. 5c.

**IMPERIAL JAPANESE MORNING GLORY.** Frilled and fancy, even more beautiful than the Superba. You should certainly try this beautiful and wonderful Morning Glory. Pkt. 5c.

**IPOMEA GRANDIFLORA ALBA.** Moon Flower. One of the most vigorous of all Summer climbers, and will grow 30 to 40 feet in a season, and be covered with saucer-shaped white flowers every evening and cloudy day. Pkt. 5c.

**IVY.** Neat, hardy. Clinging to walls, trellises. 3 to 6 feet high. Pkt. 5c.

**KOCHIA TRICHOPHYLLA.** An old-fashioned popular annual, sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed—forming oval bushes 2 to 2½ feet high, densely clothed with small feathery light green foliage, deepening in color as the Summer advances

until the whole plant assumes a fiery-crimson hue Pkt. 5c.

**LANTANA.** Finest mixed colors. Tender perennial. Flowering continuously. Suitable for pot culture in Winter or garden in Summer. 2 to 3 feet. Pkt. 5c.

**LARKSPUR.** Double Dwarf German Rocket. Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Hardy annuals. 1 foot high. Pkt. 5c.

**LOBELIA.** The flowers are bright blue with white centers. Fine for baskets and vases, trailing gracefully and blooming profusely. Plants 6 inches high. Pkt. 5c.

**LUPIN.** A very conspicuous plant with spikes of pea-shaped blossoms. Looks well as a background to other flowers. Growing 3 feet tall. Pkt. 5c.

**LYCHNIS.** Chalcedonica. The scarlet Lynchnis, an old garden favorite, bearing heads of bright scarlet flowers; very hardy; 3 to 4 feet. Pkt. 5c.

**MARIGOLD.** Tall Tagates. French and African. Double Mixed. Great variety of colors. A well-known garden annual. 2 to 3 feet high. Large double flowers; yellow, orange, maroon, striped, etc. Pkt. 5c.

**MARIGOLD.** Dwarf mixed colors. Plants only 4 to 5 inches high. Bearing great quantities of button-like flowers. Pkt. 5c. and 10c., ounce, 25c.

**MARVEL OF PERU.** Four O'Clocks. Large and beautiful old-fashioned plants of spreading habit. Produce brilliant colored flowers that open about 4 o'clock in the afternoon. Pkt. 5c.

**MIGNONETTE.** Matchett Perfection Bismarck. The red flowers are larger than those of other sorts. The spikes are very dense. Its foliage is crinkled while its odor is delicious. Pkt. 5c.

**MIMULUS.** Moschatus. Musk Plant. Showy, profuse-flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot. Fine for hanging-baskets, etc., small yellow flowers, fragrant foliage. Pkt. 5c.

**MEMOSA.** Sensitive Plant. Curious and interesting spikes, white flowers, the leaves close or droop when touched or shaken. 1 foot high. Pkt. 5c.

**MYOSOTIS ALPERTRIS.** Forget-Me-Not. Popular perennials, flowering first season from early Spring-sown seeds. Pkt. 5c.

**NICOTIANA.** Affinis. Splendid pure white flowers on long terminal tubes; it is so fragrant that a small bed will perfume the surrounding atmosphere. Pkt. 5c.

**NIEREMBERGIA.** Cup Flowers. Frutescens. A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early, desirable for vases, baskets or bedding, white tinted with lilac, 1 foot. Pkt. 5c.

**NIGELLA.** Love in the Mist, or Devil in the Bush. Damascena-Free flowering plant, with finely cut foliage. Curious looking flowers and seed pods, for easy culture, growing in any garden soil; blue and white mixed, growth 1 foot. Pkt. 5c.

**OENOTHERA.** Evening Primrose. Mixed. ½ to 2 feet. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. Pkt. 5c.

## NASTURTIIUM

Few plants are more easily grown or remain longer in bloom than the Tropaelum, with its large shield-shaped leaves and beautifully irregular flowers having long spurs and brilliantly colored petals. In favorable soil flowers are produced in abundance throughout the season. Much used for window boxes. If the black aphid appears, spray the foliage vigorously with water.



**NASTURTIUM—Continued**

Seed is usually sown outdoors, as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil, preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage but few flowers. For earlier blooming start indoors and transplant to the open ground after danger of frost is over.



**VARICK'S DWARF NASTURTIUM.** Unrivalled in beauty and effect. Planted in poor soil, they flower profusely. Plant liberally. We offer the choicest variety in equal mixture. Pkt. 5c.; ounce, 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c., postpaid.

**VARICK'S TALL NASTURTIUM.** Few flowers either as climbing vines or trailing on the ground, are more attractive or brighter than the common tall Nasturtium. We have secured only the choicest sorts and prepared a grand mixture, not surpassed by any on earth. Only the handsomest varieties comprise this superb mixture. Pkt. 5c.; ounce, 10c.;  $\frac{1}{4}$  Lb. 25c.; Lb. 75c., postpaid.

## VARICK'S CREAM OF THE NAMED SWEET PEAS

We have disearded the small flowering sorts and selected the following varieties from a list of nearly two hundred as being among the finest size, form and color.

These well-known, universal favorites have been much improved the last few years in size and variety

of colors, and for beauty and fragrance cannot be surpassed, embracing as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the Spring in rich soil. Make a furrow 6 inches deep, sow the seed and cover about 2 inches. As soon as the plants begin to show fill in the furrow. This deep planting will enable the vines to stand the heat of Summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

**DOROTHY ECKFORD.** Splendid pure white.

**MRS. ECKFORD.** Shaded primrose yellow.

**LOVELY.** Soft shaded shell pink.

**HON. MRS. E. KENYON.** A beautiful primrose color; a bold giant flower.

**FIREFLY.** Deep brilliant scarlet.

**MARS.** Large, intense crimson and scarlet.

**LADY GRISEL HAMILTON.** Beautiful silvery lavender.

**COUNTESS OF CARDOGAN.** Purple blue.

**OTHELLO.** Deep maroon and violet.

**APPLE BLOSSOM.** Deep rose pink.

**PRINCESS OF WALES.** Striped blue and purple.

**BLANCHE FERRY.** Red and white.

**CARMINE INVINCIBLE.** Intense carmine.

**MAID OF HONOR.** White edge and blue.

**MISS WILLMOTT.** Beautiful large flowers; the standard is of rich orange-pink, delicately shaded rose; wings also orange-pink.

**EMILY HENDERSON.** Large and early white.

**KATHERINE TRACY.** Lovely bright pink.

**ROMOLO PIAZANNI.** Flowers rosy purple changing to lilac and blue. Large size, hooded, and better than Fascination.

**PRINCE OF WALES.** Bright rose carmine.

**COUNTESS OF RADNOR.** Rosy lavender.

**AURORA.** Striped rosy orange.

**QUEEN OF SPAIN.** A delicate peach-blossom-pink with slight apricot tinge.

5c. packet of about 75 seeds, Enough for a single row 6 feet long.

10c. per ounce of 300 or 400 seeds. Enough for a single row 25 feet long.

25c. per  $\frac{1}{4}$  pound. Enough for 100 feet of row.

75c. per pound. Delivered free in the U. S.

## Varick's Giant Orchid Flowering Countess Spencer Type

Pkts., Ozs., and  
 $\frac{1}{4}$  Lbs.  
Delivered Free

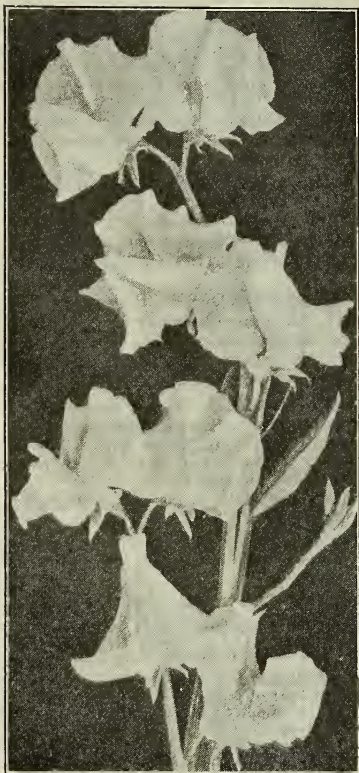
**SWEET PEAS**

Parcel Post  
Rates  
See Page 4

### PERFECT DREAMS OF BEAUTY

Because of such unusual size, often 2 inches and more across waved or fluted appearance and charming blendings of harmonious colors. The New Spencer Type may be appropriately described as Truly Gigantic "Orchid-Flowered." The flowers are not of extremely large size, but are distinct in having the outer edges of the standard and wings beautifully crumpled or waved, the tissue being so full that there is not room for it to lie flatly expanded or smoothly rolled. The standard is broad and tall; the wings are broad well spread and held erect by the keel.

## SWEET PEAS—Continued



## Varick's Eight Superb New Spencers

We have selected what we consider the eight best and most distinct kinds introduced prior to 1916, which we offer below.

They are a great improvement on the standard sorts, having large, round, open flowers of extraordinary size, measuring two inches and over across, with wavy standards and wide-spreading wings, a very large per centage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting, and are just as easy to grow as the standard varieties.

**APPLE BLOSSOM SPENCER.** Immense waved and crinkled flowers of a carmine-rose color with creamy bluish wings.

**ASTA OHN SPENCER.** This is the first lavender of the True Spencer. The large flowers are waved and fluted.

**PRIMROSE SPENCER.** The finest primrose yellow, with very large wavy flowers.

**ETHEL ROOSEVELT.** The ground color is a soft primrose, overlaid with dainty flakes and splashes of bluish crimson.

**OTHELLO SPENCER.** The long stems are thick and carry well either three or four fine blossoms of a deep rich maroon.

**KING EDWARD SPENCER.** The unusually large

wings make the flowers appear truly gigantic in size. The standard is a deep rich carmine-scarlet of glossy effect.

**WHITE SPENCER.** Produces in the greatest profusion pure white waved flowers of truly gigantic size.

**VERMILLION BRILLIANT.** The most brilliant iridescent scarlet Spencer yet produced.  
Pkt, 5c.; ounce, 20c.;  $\frac{1}{4}$  Lb. 75c.; Lb. \$2.50.

## Varick's Gorgeous Mixture of Large Flowering Sweet Peas

Sweet peas are one of our greatest specialties. Varick's Gorgeous Mixture is undoubtedly the equal of any ever offered. It is our own special mixture, and contains only the grand new named varieties of the old flowering type. The seed has been carefully grown from especially selected stocks, and is mixed by ourselves. This mixture contains the best colors, the largest flowers, and is the most perfect mixture that can be had. It includes many of Eckford's latest introductions, as well as others, and we claim there are no better colors offered in any selection.

Large package, 5c.; ounce 10c.;  $\frac{1}{4}$  pound, 25c.; pound, 75c. Delivered free anywhere in U. S.

## PANSIES

**LARGE FLOWERING IMPERIAL GERMAN.** Mixed. This mixture is not grown in mixture at all! It is "blended" in proper proportions of the thirty varieties named below. In no other strain is it possible to secure quality "blend" of the finest uniformly large (but not giant-flowered) free-flowering Pansies.

**PANSY.** Pure yellow.

**PANSY.** Pure white.

**PANSY.** Dark blue.

**PETUNIA.** Single Giant Flowers, blotched and striped, giant fringed. Bolgaino's strain of Petunia is very superb, the flowers are of immense size, and are beautifully colored and marked. Some of the flowers are brilliant rosy-red, light crimson with white throats, blue-blotched white, violet white lavender, velvet dark crimson and yellow throat. Pkt. 5c.

**PHLOX.** Drummond's Grandiflora. A lovely strain of plants growing 1 to 1 $\frac{1}{2}$  feet high, covered with a mass of bright flowers, excellent for pot plants and for bedding. Pkt. 5c.

## PINKS

**PINKS.** (Dianthus). The Dianthus family furnishes many of the most beautiful and profitable flowers including the Carnation, Sweet William, Chinese and Japanese Pinks, in all their varieties. The Pinks are old-fashioned favorites and as a class are more varied in color than the Carnations but lack their fragrance. Both the single and double Pinks are well adapted for bedding and borders, and are suitable also for cutting as the stems are of good length and the brilliantly colored flowers, often one and one-half or two inches across, contrast vividly with the rather narrow bright light green leaves.

**SINGLE MIXED.** A splendid mixture of single flowers of the best shades and beautifully marked. Plants dwarf; very free flowering. Pkt. 5c.

**DOUBLE JAPAN MIXED.** (Chinensis laciniatus). The flowers are rich in hue; very double deep fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Pkt. 5c.



## PINKS—Continued

**DOUBLE CHINA MIXED.** (Chinensis). White and dark crimson selves, also white tipped light purple and shades of red with darker blotchings. A mixture of double pinks unsurpassed in variety of brilliant coloring and marking. Pkt. 5c.

**PORTULACA.** There are few flowers that makes such dazzling display of colors in the bright sunshine as a bed of Portulaca. They are in bloom from the first of July until killed by frost, growing 6 to 8 inches high. Pkt. 5c.

## POPPIES

**POPPY.** (Papaver). These well-known hardy annuals and perennials flower in great profusion throughout the summer. Both the single and double varieties are very desirable for bedding and borders. The flowers are remarkable for their large size, delicacy of tissue and wide range of bright dazzling colors.

**SHIRLEY.** A magnificent variety, producing through a long season large single flowers of charmingly delicate colors, ranging from pure white through shades of pink and rose to brightest scarlet and carmine-red. Some petals are of silky texture, others like tissue paper, some are plain, some crimped and some wavy. If cut before the blooms are fully expanded, they will keep fresh in water several days. Hardy annual, about twenty inches high. Pkt. 5c.

**DOUBLE WHITE FRINGED.** The finest double white poppy. Plant upright growing and floriferous. Flowers three to four inches across, perfectly double, finely fringed. Hardy annual, two feet high. Pkt. 5c.

**DOUBLE CARNATION MIXED.** Large, showy, double fringed flowers of various colors; hardy annual, about two feet high. Pkt. 5c.

**DOUBLE CHOICE MIXED.** Very large, double poppies in a variety of colors. Some petals quite broad, others finely fringed. About two feet high. Pkt. 5c.

**RICINUS.** Caster Oil Beans and other varieties. Garden annual of luxuriant growth, with large palm-like leaves, extremely attractive on account of their subtropical effect. Our wonderful mixture contains varieties from 6 to 12 feet high. Some with immense leaves, green brown or purple, others purplish leaves, and stem, some with foliage also maroon and black stems. Pkt. 5c.

**RHODANTHE.** Swan River Everlasting. A charming annual; succeeds in a light rich soil and a warm, sheltered situation; valuable for pot culture; flowers everlasting; mixed colors. 1 foot. Pkt. 5c.

**SALPIGLOSSIS.** Painted Tongue. Easy growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early Summer until late fall; 18 inches. All colors mixed. Pkt. 5c.

**SALVIA SPLENDENS.** Grandiflora. Among the most brilliantly colored of garden flowers, and extremely useful for bedding, hedging or border. It is like a blaze of flaming scarlet; is intensely brilliant. A single plant will carry as many as two hundred spikes of flowers. Pkt. 5c.

**SALVIA.** Dwarf Bonfire, or Little Lord Fauntleroy. This is one of the finest of the scarlet sages; growing in a bush, 2 feet high. Its spikes of flowers of brilliant color, stands clear above the dark foliage and completely cover the plant. It attracts immediate attention in the garden. Pkt. 5c.

**SCABIOSA.** Large flowered double. Morning Bride. These beautiful flowers of many bright colors are useful for cutting. They are gracefully borne on long slender stems. Pkt. 5c.

**SCARLET RUNNER VINE.** Annual. 15 feet. This bean produces a rapid growing vine and makes clusters of showy scarlet blooms. Pkt. 5c.

**SCHIZANTHUS.** Butterfly Flower. One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of Orchids; also desirable for Winter blooming in pots. All colors, mixed. Pkt. 5c.

**SHASTA DAISY.** A large flowering single white, hardy daisy; has long been considered one of our finest hardy perennials for permanent garden decoration. Flowers 4 inches or more across. The plants grow 2 to 2½ feet in height. Pkt. 5c.

**STOCKS.** Bolgiano's Giant Perfection Double Stocks. A magnificent strain, 2½ feet high, with long, well-filled spikes of very large flowers. This well-known annual is sometimes grown in pots, but usually used for garden decorations. Pkt. 5c.

**SUNFLOWER.** Single thousand flowered, Single Cut and Come Again, Double Cut and Come Again. Double Globes of Gold, in grandest mixture. This is a branching pyramidal plant, bearing hundreds of yellow flowers. The Cut and Come Again are from 3 to 4 feet high, and of a bushy habit, bearing hundreds of small flowers 3 to 4 inches across. The Double Cut and Come Again are extremely attractive. The Double Globes of Gold grow 3 to 3½ feet high and bear double golden flowers. Pkt. 5c.

**SWEET WILLIAM.** For many years the Sweet William has been esteemed as one of the finest of our hardy garden plants, being of easy culture and thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. Our perfection strains produce heads of fragrant flowers including blood-crimson, salmon, pink, white, cerise, etc. Many have large white eyes, and all being sweet scented. Pkt. 5c.

**THUNBERGIA.** Black-eyed Susan. Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white orange, etc.; with dark eyes; mixed colors; 4 feet. Pkt. 5c.

**VERBENA.** Mammoth. This Verbena produces magnificent flowers in wide range of colors. The blooms are frequently larger than a silver quarter. The colors are rich and varied, embracing all the bright shades. Pkt. 5c.

**VERBENA.** Bushy or dwarf. These are free flowering hardy annuals of low spreading growth. Single plants in rich soil will cover a space 3 to 4 feet in diameter and furnish a profusion of flowers. If the flowers are kept cut the plants bloom much more freely. Pkt. 5c.

**WALLFLOWER.** German. Finest Mixed. An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in the beds and borders and are very useful in making bouquets. Height about 1½ feet. Pkt. 5c.

**WILD CUCUMBER.** Quickest grower of all climbers. Thickly dotted with pretty white, fragrant flowers; followed by ornamental seed pods. Pkt. 5c.

**ZINNIA.** Giant Mammoth. Mixed. The garden annuals are greatly improved; the plants form handsome bushes 2 feet in height, with large, double flowers of all brilliant colors. Pkt. 5c.

**ZINNIA.** Dwarf. Thick branching little plants about 1 foot high; they fairly bristle with tiny, short-stemmed double flowers like a large daisy in size. They may be used with success in pots as well as for groups and edgings. Pkt. 5c.

# AROMATIC, MEDICINAL AND POT HERBS

Most of the varieties of herbs thrive best on sandy soil and some are stronger and better flavored when grown on that which is rather poor. In all cases the soil should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds.

Sow as early as the ground can be made ready, in drills sixteen to eighteen inches apart, taking pains that the soil is fine and pressed firmly over the seed, or they may be planted as a second crop—the seeds sown in beds in April and the plants set out in June. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

**ANISE.** (*Pimpinella anisum*). An annual herb cultivated principally for its seeds which have a fragrant, agreeable smell and a pleasant taste; and used medicinally for aromatic cordials, colic and nausea. The leaves are sometimes used for garnishing and flavoring. Plant of slender upright growth with deeply cut foliage; flowers small, yellowish white, borne in large loose umbels. Pkt. 5c.; Oz. 15c.

**BALM.** (*Melissa officinalis*). A perennial herb, easily propagated by division of the root or from seed. The leaves have a fragrant odor similar to lemons and are used for making balm tea for use in fevers and a pleasant beverage called balm wine. Plant one to two feet high, hairy, loosely branched with ovate leaves; flowers white or pale yellow in loose axillary clusters. Pkt. 5c.; Oz. 30c.

**BASIL, SWEET.** (*Ocimum basilicum*). A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. Plant about eighteen inches high, branching, with ovate toothed leaves; flowers white or bluish white in leafy terminal racemes or spikes. Pkt. 5c.; Oz. 20c.

**BORAGE.** (*Borago officinalis*). A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor and are sometimes used in salads to give a cucumber-like taste. Plant of coarse growth, hairy, with large oval leaves; flowers blue or purplish in racemes. Pkt. 5c.; Oz. 20c.

**CARAWAY.** (*Carum carui*). A well known herb, cultivated for its seeds, which are used in confectionery, cakes, etc. The leaves are sometimes used in soups, for flavoring liquors and for colic in children. Plant one and one-half to two feet high, with finely cut foliage and clusters of small white flowers. Plants never seed till the second year. Pkt. 5c.; Oz. 10c.

**CORIANDER.** (*Coriandrum sativum*). A hardy annual cultivated for its seed which has an agreeable taste and is used in confectionery and to disguise the taste of medicine. Gather on a dry day, bruising the stems and leaves as little as possible, for when injured they have a disagreeable odor which they impart to the seed. Plant slender, two to two and one-half feet high, strong smelling, with smooth, finely cut foliage and small white flowers. Pkt. 5c.; Oz. 10c.

**DILL.** (*Anethum graveolens*). An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, two to three feet high; leaves very much cut into thread-like segments; flowers small, yellowish, borne in umbels. Seed flat. Pkt. 5c.; Oz. 15c.

**FENNEL, SWEET.** (*Foeniculum officinale*). A hardy perennial. The seeds of this aromatic herb have a pleasant taste, and are sometimes used in confectionery, also in various medicinal preparations. The young shoots are sometimes eaten raw and are used in salads, soups and fish sauces. Plant very branching, two to four feet high, with dense thread-like foliage; flowers light yellow in large loose umbels. Seed oval. Pkt. 5c.; Oz. 15c.

**HYSSOP.** (*Hyssopus officinalis*). A hardy perennial with an aromatic odor and a warm, pungent taste. It is a stimulant, expectorant and mild tonic. The flowering summits and leaves are the parts used. It does best on dry, sandy soil. Plant upright with narrow glossy dark green leaves; flowers small, borne in whorled spikes, blue, sometimes white or pink. Pkt. 5c.; Oz. 20c.

**LAVENDER.** (*Lavendula spica*). A hardy perennial, growing about two feet high. It is used for the distillation of lavender water or dried and used to perfume linen. It should be picked before it becomes dry and hard, and dried quickly. The seed is of rather slow and uncertain germination. Plant erect, with slender grayish green leaves and small violet-blue flowers. Pkt. 5c.; Oz. 40c.

**MARJORAM, SWEET.** (*Origanum marjorana*). An aromatic herb for seasoning. The young tender tops and leaves are used green in summer to flavor broths, dressings, etc., and are also dried for winter use. Usually grown as an annual as it is not hardy enough to endure the winter of the northern states. Plant erect but branching with small oval grayish green leaves and small purplish or whitish flowers. Pkt. 5c.; Oz. 20c.

**ROSEMARY.** (*Rosmarinus officinalis*). A hardy perennial, with fragrant odor and a warm bitter taste. The leaves are used for flavoring meats and soups, and for medicinal drinks. Plant erect, branching with small slender leaves and small light blue flowers. The blossoms form the principal ingredients in the distillation of toilet waters. Plants do not reach a size suitable for use until the second season. Pkt. 5c.; Oz. 40c.

**RUE.** (*Ruta graveolens*). A hardy perennial with a peculiar, unpleasant smell. The leaves are bitter and so acrid as to blister the skin. It is a stimulant and anti-spasmodic but must be used with great caution, as its use sometimes results in serious injury. It must not be suffered to run to seed and does best on poor soil. Plant one and one-half to two feet high, becoming woody at the base; leaves much divided; flowers yellow. Pkt. 5c.; Oz. 20c.

**SAFFRON.** (*Carthamus tinctorius*). A hardy annual. Cultivated for its flowers which are used principally for coloring, sometimes for flavoring and to make the cosmetic powder called rouge. The flowers should be picked while in full bloom. Plants upright in growth, one to three feet high; leaves ovate, prickly; flower-heads yellow, thistle-like. Pkt. 5c.; Oz. 10c.

**SAGE.** (*Salvia officinalis*). One of the most extensively used herbs for seasoning. It is also believed to possess medicinal properties. A hardy perennial, about fifteen to eighteen inches high. Plant very branching; flowers usually blue, sometimes pink or white; leaves grayish green, oval, wrinkled. Cut the leaves and tender shoots just as the plant is coming into flower and dry quickly in the shade. The plants will survive the winter and may be divided. If this is done they will give a second crop superior in quality. Pkt. 5c.; Oz. 20c.

**SAVORY, SUMMER.** (*Satureia hortensis*). A hardy aromatic annual twelve to fifteen inches high, the dried stems, leaves and flowers of which are extensively used for seasoning, especially in dressings and soups. Plant erect, branching; leaves small, narrow; flowers small, purple, pink or white, borne in short spikes. Pkt. 5c.; Oz. 15c.

**THYME.** (*Thymus vulgaris*). An aromatic perennial herb, eight to ten inches high, used principally for seasoning. Plant very branching with wiry foliage and small lilac flowers. Sometimes the leaves are used to make tea for the purpose of relieving nervous headache. Sow as early as the ground will permit. Pkt. 5 c.; Oz. 30c.



## A FEW GARDEN POINTERS

**Asparagus.** To lengthen the cutting season, place a portable frame, covered with sash, over some portion of the bed in early spring. This will bring up the shoots underneath two weeks earlier than those uncovered.

**The Earliness may be advanced** of such tender vegetables—usually sown in the open ground—as Beans, Sweet Corn, Cucumber, Melon, Squash, etc., by starting the seeds in paper or other pots placed in a weak hotbed or greenhouse about two weeks before it would be safe to sow out of doors; transplant when the ground and weather is warm enough. Thus the danger of early sown seed rotting in cold ground is avoided.

**Extra Early Potatoes** are produced by "sprouting the seed," which advances maturity 10 to 15 days: Dust the cut tubers with sulphur which prevents excessive evaporation thus prolonging their vitality,

then lay with eyes up in a shallow box or basket and keep in a dry place above frost until planting out time.

**Lima Beans** planted with the eyes down will appear above the ground quicker and are not as liable to rot as when planted the other way.

**Peas Soaked** 24 hours before sowing come up two or three days sooner than those not soaked.

**Fresh Rhubarb** during the winter may be enjoyed by digging a few roots after the ground has slightly frozen place them on the cellar floor where it is cold, a screen of old carpet about the roots and a darkened lantern to give the required heat will produce stalks in a month's time and a continuous succession for several weeks. Ten roots so grown produced 360 stalks.

**Parsley Seed** is slow to come up, but germination may be hastened by soaking the seed 24 hours before sowing.

**The Quantity of Commercial Fertilizer to Apply on Small Areas When Only the Amount per Acre (43,560 square feet) is Given**

1 lb. per 436 square feet	—a plot, approximately	10x43.6 feet—Equals	100 lbs. per acre
1 " " 218 " "	— " "	10x21.8 " "	200 " " "
1 " " 145 " "	— " "	10x14.5 " "	300 " " "
1 " " 109 " "	— " "	10x10.9 " "	400 " " "
1 " " 87 " "	— " "	10x 8.7 " "	500 " " "
1 " " 72 " "	— " "	10x 7.2 " "	600 " " "
1 " " 62 " "	— " "	10x 6.2 " "	700 " " "
1 " " 55 " "	— " "	10x 5.5 " "	800 " " "
1 " " 48 " "	— " "	10x 4.8 " "	900 " " "
1 " " 44 " "	— " "	10x 4.4 " "	1000 " " "

## MANURE WATER—HOW TO PREPARE

Place in a tub or barrel or other receptacle about one-third of its capacity of good sheep, horse or cow manure, and fill nearly full of water. This with occasional stirrings should be ready for use in from two to four days, when will be indicated by the color of the liquid, which should be of a rich brown. Before applying any to the roots of plants,

however, this liquid must be diluted with water to the color of weak tea. The manure will probably make several barrels of the strong liquid before it needs replenishing. If a small bag of soot, with a brick in the bottom, can be hung in the liquid in the barrel it gradually improves the quality.

**Table Showing the Number of Trees or Plants that can be Planted on an Acre, at the Distance apart given:**

30 x 30 feet	48	10 x 10 feet	435	5 x 1 feet	8,712
25 x 25 " "	69	9 x 9 " "	537	4 x 4 " "	2,722
20 x 20 " "	108	8 x 8 " "	680	4 x 3 " "	3,630
19 x 19 " "	120	7 x 7 " "	888	4 x 2 " "	5,445
18 x 18 " "	134	6½ x 6½ " "	1,031	4 x 1 " "	10,890
17 x 17 " "	150	6 x 6 " "	1,210	3 x 3 " "	4,840
16 x 16 " "	170	5½ x 5½ " "	1,417	3 x 2 " "	7,260
15 x 15 " "	193	5 x 5 " "	1,742	3 x 1 " "	14,520
14 x 14 " "	222	5 x 4 " "	2,178	2 x 2 " "	10,890
13 x 13 " "	257	5 x 3 " "	2,904	2 x 1 " "	21,780
12 x 12 " "	302	5 x 2 " "	4,356	1 x 1 " "	43,560
11 x 11 " "	360				

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# PLAN FOR KITCHEN GARDEN

WHERE SPACE IS LIMITED.

1 ft.	Rhubarb	Horse Radish
4 ft.	Asparagus	Salsify Parsnip
3 ft.	Early Corn	Summer Squash
4 ft.	Main Crop Corn	
2 ft.	Dwarf Peas	} Followed by Celery
2 ft.	" "	
3 ft.	Early Cabbage and Cauliflower or Brussels Sprouts	
1½	Early Beets (followed by Turnips or Fall Spinach)	
1½	Lettuce (followed by Winter Radish)	Parsley
1½	Onions	Early Radish
1½	Dwarf Beans	" " and Carrot or Endive
3 ft.	Late Cabbage	Pepper
3 ft.	Tomatoes	Pole Beans
5 ft.	Cucumbers, Melons or Late Squash (One or more hills of each)	

For the convenience of those who have only a limited space at their command, the accompanying plan is suggested as an aid in laying out a small kitchen garden.

Where the rows are made the distances apart indicated on this diagram, thirty-five feet are required in one direction.

If the rows are to run east and west it is desirable to have the corn at the north end, otherwise the corn is likely to shade too much the rows near it on the north side.

The rows may be as long as space permits or individual preferences may call for, and where space is less limited, more rows of favorite sorts may be added or provision made for other vegetables or flowers that may be desired.

The Asparagus, Horse Radish and Rhubarb should

be permanent beds.

Among the varieties of vegetables that we recommended, mentioned somewhat in order of planting, are the following:

**Tomato, Early.** Earliana, Chalk's Early Jewel and Dwarf Champion.

**Cabbage, First Early.** Early Jersey Wakefield.

**Cabbage, Second Early and Intermediate.** Early Summer Danish Ball Head and Copenhagen Market.

**Cauliflower.** Early Snowball.

**Onion.** Bunching and White and Yellow Onion Sets.

**Pepper.** Large Bell or Bull Nose and Squash.

The above sorts do best when started indoors and transplanted. Others mentioned below may be sown outdoors.



## PLAN FOR KITCHEN GARDEN—Continued

**Lettuce, Clustering or Loose Leaved.** Black Seeded Simpson Early prize Head and May King.

**Lettuce, Cabbage or Heading.** Big Boston.

**Onion.** Yellow Globe Danvers, Southport Red Globe and White Silverskin.

**Radishes.** French Breakfast, Early Scarlet Turnip-White Tipped, Early Long Scarlet and White Icicle.

**Spinach.** Early Round Thick Leaved and Long Standing.

**Parsley.** Moss Curled.

**Peas.** Nott's Excelsior, Sutton's Excelsior, (dwarf) Telephone and Champion of England (tall).

**Asparagus.** Palmetto and Conover's Colossal.

**Beet.** Detroit Dark Red and Crosby's Egyptian.

**Corn.** Early White Cory, Crosby's Early and Golden Bantam.

**Corn, Main Crop.** Stowell's Evergreen.

**Beans, Dwarf Wax Podd.** Golden Wax and Currie's Rust Proof Black Wax, Black Seeded.

**Beans, Dwarf, Green Podd.** Early Red Valentine and Arlington (shell).

**Beans, Pole.** Kentucky Wonder and Horticultural Pole Cranberry Beans.

**Cucumber.** Early White Spine and Improved Long Green.

**Squash, Summer.** Mammoth White Bush Scallop and Summer Crookneck.

**Squash, Fall and Winter.** Delicious and Hubbard.

**Musk Melon.** Emerald Gem. Rocky Ford and Miller's Cream.

**Water Melon.** Vick's Early, Kolb's Gem.

**Carrot.** Danvers and Half Long Nantes.

**Parsnip.** Hollow Crown and Long White Dutch.

**Salsify.** Mammoth Sandwich Island.

**Cabbage, Fall and Winter.** Premium Late Flat Dutch.

**Turnip.** Extra Early White Egg and Early Purple Top, Strap-Leaved.

Even a small yard should have its flowers. Plant a few Sweet Peas or some Nasturtiums, either dwarf or Trailing. Our mixtures of Asters, Pansies, Petunias, Phlox Drummondii, Poppies, Morning Glories, Marigolds, Verbenas and Zinnias, all are easily grown. A few packets of flowers well grown will give an abundant harvest of pleasure.

Each packet of seeds gives cultural directions sufficient to insure success under normal conditions and more detailed suggestions for many sorts will be found in the following pages.

To insure success plant Varick's Reliable Seeds.

## HOME DRIED VEGETABLES FOR WINTER USE

**To Dry Sweet Corn.** Select perfectly fresh corn, score each row of kernels down through the center. Press out the pulp with a dull knife; spread the pulp on wooden, granite or china plates and dry either in the hot sun or a moderate oven. When partly dry it may be transferred to boards. In this way a larger quantity may be put into a given space. When perfectly dry put into jars or tin boxes and keep in a dry, cool place.

**To Dry Okra.** The young pods constitute the edible portion of this plant, and are used principally for soups. Okra may be preserved for winter use by cutting the pods into rings, stringing them on cords and drying in the hot air; or they may be canned the same as other vegetables.

**To Dry Young Green Peas.** Shell the peas; throw into a kettle of boiling water, boil rapidly two minutes; drain; spread in a thin layer in tin pans. Stand in a warm oven; shake frequently until thoroughly dry. Put these into bags or boxes that have been lined with waxed paper and keep in a dry place. Soak one hour before cooking.

**To Dry Parsley.** Pick the parsley when full grown, before flowering; wash thoroughly; shake dry, tie in loose bunches, hang in the air in the sun, or put on a board to dry in a moderately warm oven. When dry, rub the leaves to a powder, and put them through a fine sieve, bottle, cork and keep in a dry, cold closet.

**To Dry Pumpkin and Winter Squash.** Pare, cut in thin strips, then into pieces. Spread on boards and dry in the sun or warm oven. Keep in tin boxes or in glass jars in a dry closet.

To cook—soak over night in cold water.

**To Dry Herbs.** During the summer, when herbs are in their highest state of perfection, full of juice, just before the flowering, they should be gathered for drying. Gather them just before flowering, on a very dry day, about ten or eleven o'clock, and make sure they are quite free from dew. Shake, remove each leaf carefully from the stems, and place them on soft brown paper on a board in the hot sun; or tie in bunches and hang in the air in the hot sun; or place them in a moderately hot oven. No matter which method is selected, the herbs must be dried quickly, to retain color and flavor. When dry, rub the leaves to a powder, sift, and put them at once into bottles. Cork and keep in a dry closet. Mark the jars plainly on the outside to avoid confusion.

### DOES YOUR SOIL NEED LIME?

The application of lime to soil has long been recognized as beneficial, and recent investigations by Agricultural Experiment stations indicate that "liming the soil" every 4 to 6 years, is even more important than heretofore realized. Lime improves the soil's texture, disintegrates compact soils, facilitates drainage, renders inert plant foods available, and corrects "sourness" or acidity. Damp lowlands were considered to be the most affected with sourness, but now it has been proven that soil acidity is very general even in upland soils. For light soils 500 lbs. of lime per acre may be sufficient, but for heavy soils or soils overly manured and rich in organic matter (humus) one ton per acre is the average dressing. To determine whether your soil is acid and needs liming procure some blue litmus paper at a drug store then insert one end of it—without touching it with the hands—in half a cupful of soil and water mixed to the consistency of thick porridge. In an hour or two remove and rinse. If the litmus paper is intensely reddened it shows that the soil is too acid and needs lime to neutralize it. If the paper only turns pinkish, it indicates only slight acidity and lime may not be required.

A heavy dressing of lime is best plowed or dug in. A light dressing is best applied after plowing or digging to be harrowed or raked in.

### SOME OF OUR GARDEN FRIENDS THAT SHOULD NOT BE DESTROYED

**Bees.** Useful pollenizers and almost indispensable to a continuance of a large percentage of plant life.

**Dragon Flies.** Feed on a great variety of injurious insects.

**Tree Crickets.** Feed on plant lice.

**Ground Beetles.** In both larval and adult stages feed on such insects as go underground to pupate.

**'Lady Bug' Beetles.** Feed on plant lice and scale insects, both in larval and adult stages.

**Wasps.** Generally beneficial because predatory upon other insects which they use as food for their larvae.

**Lace-Wing Flies.** Known as "Aphis Lions" in the larval stage when they feed on plant lice and many soft bodied leaf eating grubs.

**Hornets.** Feed almost entirely on insects.

**Frogs and Toads.** Feed largely on insects and slugs.

**Lizards.** Live on small beetles and other insects.

**Garden Spiders.** Feed on large flies, small moths, etc.

# FERTILIZERS

We herewith offer the best fertilizers procurable for the various crops recommended, but all commercial fertilizers for 1917 will be shy in potash, the source of supply having been shut in by the European war. Agricultural experts claim that most soils will retain sufficient potash for another year's crop. However, we advise those of our patrons doubtful of their soil's supply especially if planting crops requiring an abundance of potash, to apply in addition to the fertilizer used, not less than 1,000 pounds of wood ashes per acre, or 3 to 5 pounds per 100 square feet. Mucky, and light or sandy soils usually need potash.

## SWIFT'S LOWELL HIGH GRADE ANIMAL FERTILIZER

Made from Bone, Blood, Meat and chemicals.

## SWIFT'S LOWELL BONE FERTILIZER For Corn, Grain, Grass and Vegetables

### GUARANTEED ANALYSIS

Ammonia	2½ to 3½ per cent
Nitrogen	2.05 to 2.87 per cent
Total Phosphoric Acid	11 to 12 per cent
Available Phosphoric Acid	10 to 11 per cent

This is a popular brand at moderate cost, and is used not only for Corn and Grain, but for Potatoes and Grass, and is an excellent fertilizer for Cranberries and all crops. It gives an early and vigorous start promoting steady growth to maturity.

It contains more Ammonia and available Phosphoric Acid than ever before, which in large measure takes the place of potash and is a most reliable and economical brand to use. 50 Lb. bag, 95c.; 100 Lb. bag, \$1.80; Ton, \$32.00.

## SWIFT'S LOWELL POTATO MANURE

### GUARANTEED ANALYSIS

Ammonia	3 to 4 per cent
Nitrogen	2.46 to 3.28 per cent
Total Phosphoric Acid	11 to 12 per cent
Available Phosphoric Acid	10 to 11 per cent

This is a fertilizer made for Potatoes and Vegetables, at moderate cost, to be used with or without barnyard manure, although it may be profitably used alone. It contains higher percentages of Ammonia and Phosphoric Acid than in previous years. 50 Lb. bag, \$1.00; 100 Lb. bag, \$1.90; Ton, \$34.00.

## SWIFT'S LOWELL MARKET GARDEN SPECIAL GRASS AND LAWN DRESSING

### GUARANTEED ANALYSIS

Ammonia	6 to 7 per cent
Nitrogen	4.92 to 5.74 per cent
Total Phosphoric Acid	9 to 10 per cent
Available Phosphoric Acid	8 to 9 per cent

A most concentrated and powerful fertilizer. It is economical, too, because it is not necessary to apply so much per acre as of lower grades.

For Asparagus, Celery Lettuce, Spinach, Squash and all Vine crops it is excellent. Fields that need top dressing or reseeding in the spring should receive an application of this quick acting and reliable fertilizer. With sufficient moisture, it will double the crop over the yield where no manure or fertilizer has been used. It is strongly recommended for Lawns, Flowers, Trees, Shrubbery and Vegetables. In short, it is our best foliage and garden fertilizer. 50 Lb. bag, \$1.25; 100 Lb. bag, \$2.50; Ton \$44.00.

**ASHES, Canada Hard Wood.** Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops, grass lands and lawns. Apply 1 to 2 tons per acre. Price per 100 Lb. bag \$1.25; Ton, \$20.00.

**SHEEP MANURE.** Pulverized. A pure, natural manure and the most nutritious food for plants. Its effect is immediate and lasting; it is clean to handle, and is the best of all manures for mixing with the soil for greenhouse plants. 50 Lb. bag, \$1.25; 100 Lb. bag, \$2.00; Ton, \$35.00; 5 Lb. Pkg, 25c.

**PURE GROUND BONE.** Four to 5 per cent ammonia 21 to 23 per cent phosphoric acid. A valuable fertilizer, especially for lawns, vines and fruit trees. Per 100 Lb. \$2.00; Ton \$38.00.

**EDIBLE BONE MEAL.** 4c. Lb.; \$3.00 per 100 Lb. bag; Ton, \$50.00.  
Special prices on all the above for large quantities.

**LAND PLASTER.** Excellent for composting and fertilizing; it is also used for preventing bugs from destroying Cucumber, Melon and Squash vines. 100 Lbs. 90c.; Ton, \$14.00.

## WHAT SHELL-MARL LAND-LIME DOES FOR SOIL

Shell-Marl Land-Lime, (not caustic, no magnesia) corrects acidity; releases plant foods; increases efficiency of fertilizers and manures; warms cold damp soils; makes plants stronger, enabling them to withstand droughts, and frosts; matures plants earlier; makes heavy soils friable; knits sandy soils; kills worms and bugs; eradicates weeds; creates and conserves humus; is as necessary as potash or phosphate. May be applied with manure or used as a top dressing for mowings and pastures. Nicer to handle than caustic lime. Use Shell-Marl Land-Lime and double your farm crops. A wonderful soil builder and tonic. 100 Lb. bag, 75c. Ton, \$10.00.

## ALPHANO

### The All in One Fertility Producer

Alphano Humus is an all round soil builder and fertility producer. It is a black, velvety enricher that is odorless and free from weed seeds. It comes to you in a dry, finely granulated form, making it easy to thoroughly mix with the soil. Being entirely sanitary it frees you from the dangers of disease contagions carried so alarmingly by stable manures.

It is liberally supplied with Nitrogen phosphate, potash and lime, in both vegetable and mineral combination.

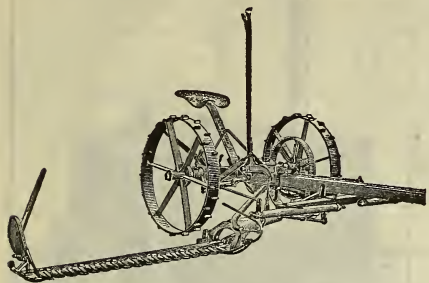
It is teeming with billions of the nodule air-converting, nitrogen germs, for all the clovers, peas, beans and other legumes or pod bearing plants; in addition it contains the best mineral soil food converting bacteria.

**ALPHANO** benefits your soil physically by mellowing it. Clay soils it opens up, sandy soils, it makes more compact. It increases the soil's water holding and heat retaining power. It makes cold soils warmer and dry soils moist. 100 Lb. bag, \$1.25; Ton, \$18.00.

**IMPORTANT NOTICE.** The prices of many of the agricultural chemicals are so high at present, owing to the war, that we have refrained from printing them, but will gladly quote on any of them on application.



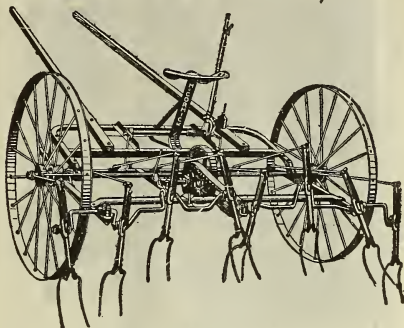
## WORCESTER BUCKEYE and McCORMICK MOWERS



WORCESTER                      McCORMICK

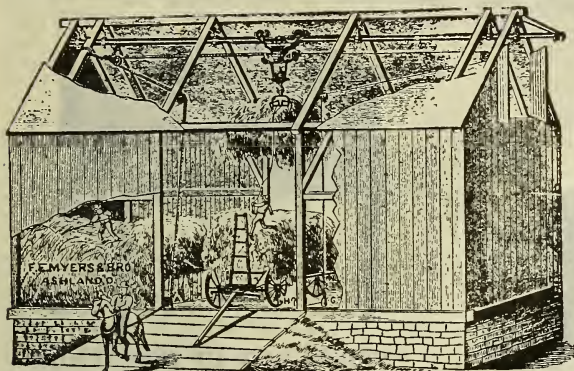
4 foot cut, \$45.00	4 ft. vertical cut, \$46.00
5 foot cut, \$50.00	5 ft. vertical cut, \$51.00
6 foot cut, \$53.00	6 ft. plain lift, \$53.00

## BULLARD WOOD HAY TEDDER, \$38.00



Also the McCORMICK  
STEEL HAY TEDDER, \$40.00

## REVERSIBLE STEEL TRACK HAY CARRIERS



No Barn is Complete Without  
One of These Rigs

Our carriers for rod, wood or steel tracks are the most durable and easiest rigs to operate of any on the market. Anyone with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of the barn and style of ridgepole, will name you price for complete job.

### McCORMICK

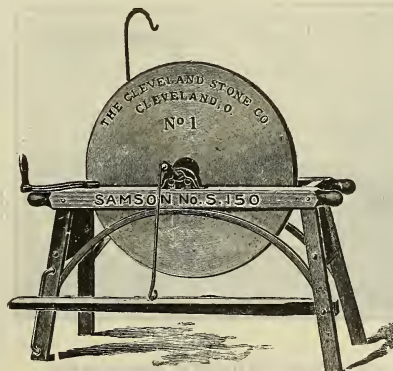
All Steel Horse Rake, \$26.00



WORCESTER CHAMPION  
(Wood Wheels)  
HORSE RAKE, \$24.00

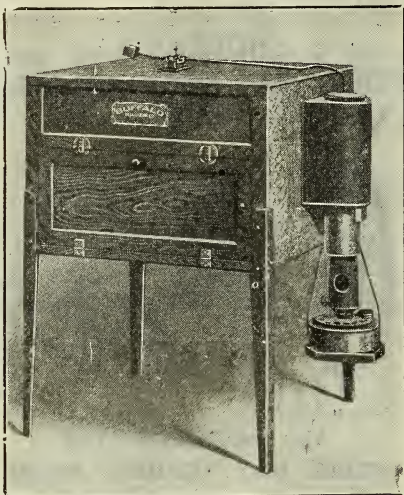
### SAMSON

BLUE FRAME GRINDSTONE, \$5.00

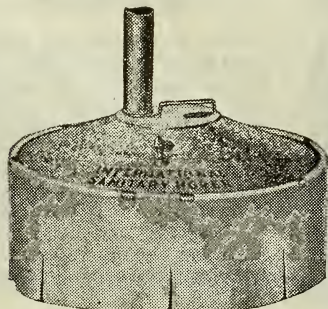


Others according to size and quality  
of frame  
\$4.25 to \$12.50

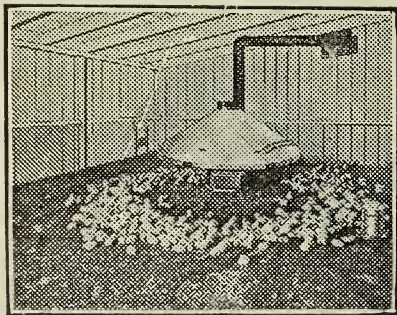


**BUFFALO HOT AIR INCUBATORS**

No.	Egg Capacity	Price	No.	Egg Capacity	Price
0	60	\$13.00	1	120	\$17.00
2	220	23.00	3	340	29.00



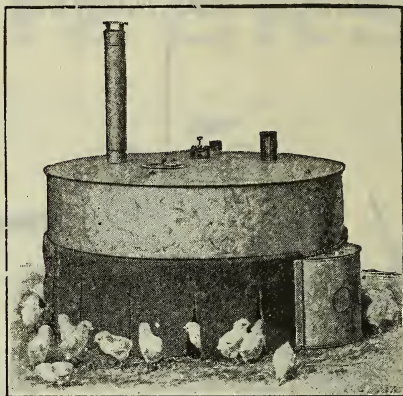
**INTERNATIONAL SANITARY HOVER**  
100-Chick Capacity at same old Price, . . . \$8.50  
14 reasons why it is perfect. Let us tell you.

**NEWTON COLONY BROODER**

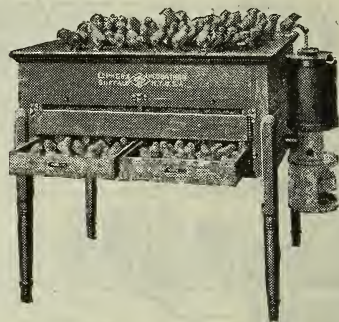
Coal Burning	Self Regulating	Self Feeding
No.	Chicks	Price
10	300	\$20.00
11	500	25.00
12	1200	32.50

**Cyphers Portable Hovers**

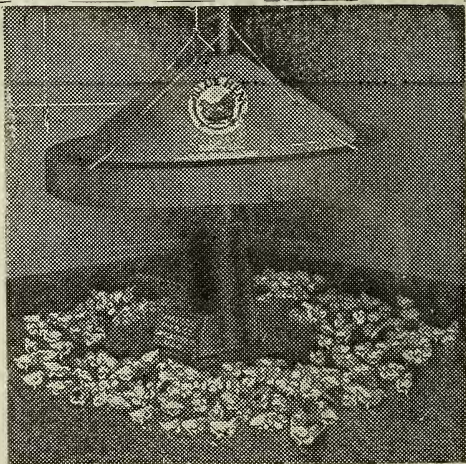
All Metal and practically indestructible, automatic regulator. Capacity 75 Chicks, \$10.00



We have saved money for others on Incubators, Brooders, Poultry Feeds and Poultry Supplies in general; why not let us save some for you?

**CYPHERS HOT AIR INCUBATORS**

No.	Egg Capacity	Price	No.	Egg Capacity	Price
0	70	\$16.00	1	144	\$25.00
2	244	37.00	3	390	44.00

**BLUE HEN COLONY BROODER**

Capacity 250 Chicks, \$14.50; 500 Chicks, \$19.50



## PARK &amp; POLLARD'S FEEDS COMPEL RESULTS

1917  
is going  
to be  
the  
Poultry-  
man's  
Harvest



This is  
the year  
to  
make  
money  
on  
Poultry

## MAGNET KEROSENE OIL

We are carrying in stock, particularly for the incubator and brooder lamps, the MAGNET KEROSENE OIL. This is the very highest grade of oil and has a very high fire test. As you know, the common oil, particularly for incubators and brooders, smokes and many fires have been started and much damage done by fire. It is almost necessary to trim the wicks where ordinary oil is used, every day. With the MAGNET OIL there is very little carbon and burning of the wick. IT ALSO HAS NO EQUAL for use in kerosene engines and house lamps.

For sale at both our Elm street and Depot street stores.

Price per single gallon.....	18c
Five gallon lots, a gallon.....	15c

## INCUBATOR SUPPLIES

Cyphers Incubator Thermometers.....	50c
Cyphers Brooder Thermometers.....	35c
Buffalo Brooder Thermometers.....	25c
Buffalo Incubator Lamp, complete (small).....	40c
Buffalo Incubator Lamp complete (large).....	\$1.00
Buffalo Brooder Lamp, complete.....	\$1.00
Buffalo Incubator Burners (small).....	35c
Buffalo Incubator Burners (large).....	50c
Cyphers Egg Testers.....	25c
Blue Flame Gas Burners.....	50c
Sulphur Candles.....	15c
Incubator Thermometer Wires.....	10c
Hygrometers.....	\$1.25
Buffalo Incubator Thermostat (all sizes).....	\$2.00
Buffalo Incubator Dampers.....	15c
Buffalo Brooder Lamp Chimneys.....	15c
Buffalo Handy Hover Lamps.....	50c
Cyphers Incubator Books.....	15c
Cyphers Incubator Lamps complete, No. 0.....	90c
Cyphers Incubator Lamps complete Nos. 1, 2, 3.....	\$1.00
Cyphers Incubator Burners, No. 0.....	35c
Cyphers Incubator Burners Nos. 1, 2, 3.....	50c
Essex Incubator Thermometers.....	50c
Essex Incubator Thermometers.....	35c
China Nest Eggs.....	doz. 25c; ea. 3c
Knox Nest Eggs.....	doz. 50c; ea. 5c
Double Clinch Leg Bands.....	10c doz.
Celluloid Leg Bands.....	15c doz.
Poultry Markers.....	25c
Poultry Killing Knives.....	50c
Waterproof Sheetting.....	25c yard

## VARICK'S TESTED WATER GLASS PRESERVES EGGS PERFECTLY

Fresh eggs in winter at summer prices. VARICK'S WATER GLASS has been used for years without a failure. It costs one cent a dozen to put eggs in Water Glass and you can save 20 cents a dozen by doing it. We sell it in any quantity. 10 cents a pint, 15 cents a quart, 35 cents a gallon. Beware of cheap, inferior imitations of the real article sold by unscrupulous dealers. Insist on having VARICK'S TESTED, "Water White" Water Glass, 40 degrees Beaume.



## MARKET PRICES

P. and P. Dry Mash

P. and P. Scratch Feed  
P. and P. Growing Feed  
P. and P. Intermediate Feed  
P. and P. Red Ribbon Chick Feed  
P. and P. Baby Buster Chick Feed  
Beef Scraps  
Beach's Meat Meal  
Cut Alfalfa  
Poultry Charcoal  
Chick Charcoal  
Edible Bone Meal  
Cracked Bone Meal  
Chick Grit  
Oyster Shells

Defiance Shipping Coops.....	ea. \$1.25
Newfield Shipping Coops.....	ea. \$1.25

## "EYRIE" SETTING EGG BOXES

For Express

15 eggs.....	\$1.50 doz.; ea. 15c
30 eggs.....	\$2.00 doz.; ea. 20c

## ANDERSON'S SETTING EGG BOX

For Parcel Post

15 eggs.....	10c
30 eggs.....	20c
50 eggs.....	25c
100 eggs.....	40c

## SEFTON'S LIVE CHICK BOXES

For shipping day old chicks. Made of corrugated pasteboard. For 20 chicks, 12x6x5 in. 15c. each; \$1.50 doz.; 50 chicks, 12x12x5 inch, 20c.; \$2.00 doz.; 100 chicks 24x12x5 in. 30c. ea.; \$3.00 doz.

## CONKEY'S

Roup Remedy and Pills.....	25c, 50c and \$1.00
Cholera Remedy.....	25c and 50c
Scaly Leg Ointment.....	25c
White Diarrhoea.....	25c and 50c
Gape Remedy.....	50c
Laying Tonic.....	25c and 50c
Canker Special.....	50c
Lice Fix.....	50c
Bronchitis Remedy.....	50c
Limber Neck.....	50c
Chicken Pox.....	25c
Head Lice Ointment.....	25c

## RUSTS'

Roup Pills (Fowl and Pigeon).....	25c
Egg Producer, 1 lb. pkg.....	25c
Egg Producer, 2 1/2 lb. pkg.....	50c
Egg Producer, 6 lb. pkg.....	\$1.00
Haven's Climax Powder of cattle, sheep poultry etc., 13 oz. size.....	25c
2 lb. size.....	50c
Lambert's Death to Lice, 15 oz. size.....	25c
48 oz. size.....	50c
100 oz. size.....	\$1.00
Varick's Liquid Lice Killer, qt.....	35c
Half gal.....	60c
Gallon.....	\$1.00

## PARK &amp; POLLARD

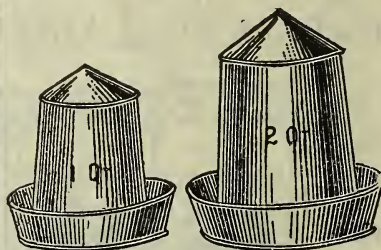
Roup Cure, small.....	25c
Roup Cure, large.....	50c
Lice Powder, 15 oz. size.....	25c
Lice Powder, 48 oz. size.....	50c
A. & D. Louse Driver.....	15c



Made of one piece non-rusting metal.

No parts to come unsoldered. Leaking impossible.

Price, without jar, 10c



**BUNKER HILL**

Galvanized 2-piece Drinking Fountain

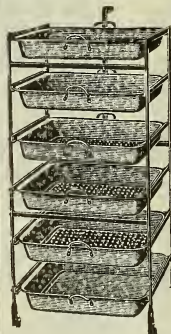
1 qt., 25c, 2 qt., 35c, 3 qt., 45c



**OVERALL FEEDER**

4 qt. size

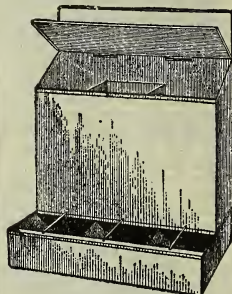
6 qt. size



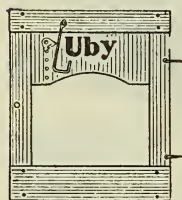
Size 35 in. high, 18 in. square. Has 5 perforated pans, each 16x17 in. and one drip pan at bottom.

Green food all winter if you use the Economy Oats Sprouter.

Economy Oats Sprouter, \$4.00

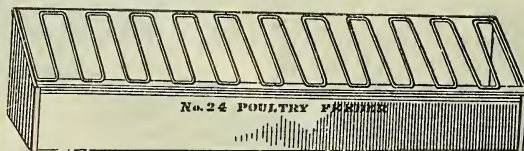


1-2, 3 Galvanized Grit and Shell Box, 65c



**Uby Trap Nest**

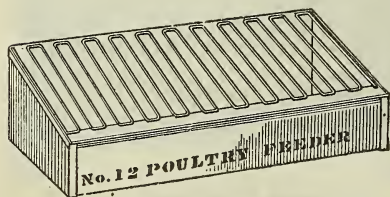
Consists of a door and casing made of galv. steel that can be easily attached to any box or nest . . . 35c



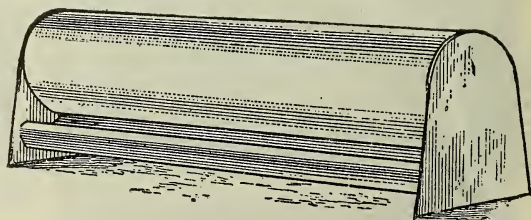
A practical Dry Mash Feeder, galvanized steel; can be used for any kind of grain, 65c.



Peerless Founts  
1qt. 35c, 5qts. 75c  
10 qts. \$1.00



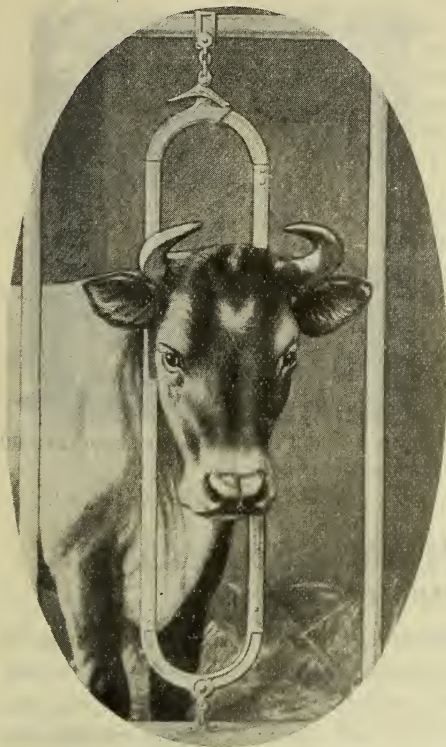
Designed for Chickens  
Can be used for any kind of feed  
Galvanized steel, 45c



Hub Chick Feeders are sanitary, keep the feed dry and clean. Chicks can not get into it.  
9 in. long, 45c 15 in. long, 60c



## DAIRY SUPPLIES



We have on exhibition above Depot Street store a complete line of Porter's Perfect Barn Equipment, including Steel Stalls and Stanchions, Feed and Litter Carriers.

Butter Spades.....	15c
½ lb. Hand Carved Butter Moulds.....	85c
½ lb. Machine Made Butter Moulds.....	50c
1 lb. Hand Carved Butter Molds.....	\$1.00
1 lb. Machine Made Butter Moulds.....	60c
Individual Butter Molds.....	10c
Butter Paper, per lb.....	15c
5-lb Butter Boxes.....	10c
Dandelion Brand Butter Color.....	25c
Kow Kure.....	50c and \$1.00
Garget Remedy.....	50c
Bag Balm.....	50c
5 lbs. Bag Wyandotte.....	30c
80 lbs. Bag Wyandotte, lb.....	5½c
250 lbs. Barrel Wyandotte, lb.....	5c
No. 0 Improved Butter Churns.....	\$1.75
No. 1 Improved Butter Churns.....	\$2.25
No. 2 Improved Butter Churns.....	\$2.75
No. 3 Improved Butter Churns.....	\$3.25
No. 4 Improved Butter Churns.....	\$3.75

## CANS

Made from best quality XXX tin plate, reinforced neck and bottom, steel hoop top and bottom, seams soldered inside and out.

8½ qt., 3¼ in., neck wood stoppers, ea. 90c; doz. \$10.00

8½ qt., 41-8 in. neck wood stoppers ea. 90c; doz. 10.00

Extra

Tin Stoppers for 3¼ in. neck.....ea. 15c; doz. \$1.60

Tin Stoppers for 4 1-8 in neck ...ea. 20c; doz. \$2.00

## 10 QUART DELIVERY CANS

Made from XXX tin plate, steel hoop top and bottom. Long handle extending down cylinder for ease in pouring. Smooth hemmed edge neck with tin cover.

Each \$1.25—\$13.50 per Doz.

## RAILROAD MILK CANS

Milwaukee Umbrella Pattern, Stationary Handles

No.		Neck	Weight	Price Each
205	20-qt.	6-in.	About 13¾ lbs.	\$2.75
208	32-qt.	6-in.	About 16 lbs.	3.40
210	40-qt.	6-in.	About 18 lbs.	3.70

## N. Y. Pattern, Noiseless Drop Handles

No.		Neck	Weight	Price Each
520	20-qt.	6-in.	About 14 lbs.	\$3.75
530	30-qt.	6-in.	About 17½ lbs.	4.50
540	40-qt.	7¾-in	About 25½ lbs.	4.85

## MILK JAR CARRIERS

(With Inside Wire for Pints)

No. 925 holds 6 quarts.....	\$1.50
No. 927, holds 8 quarts.....	\$2.00

## Common Sense Milk Bottles

No. 2 Paper Cap.

½ pints, 1 gro. case, per gross.....	\$4.50
1-3 quarts, 1 gro. case per gross.....	4.10
Pints, 1 gro. case, per gross.....	5.00
Quarts, ½ gro. case, per gross.....	7.50

Quantity Price on Application

Special lettering, \$2.50 each size bottle. On orders of 5 gro., lettering free. One lettering free on order of 5 gro. mixed bottles. Subsequent orders, same lettering, no charge. Bottles not lettered in less than One Gross lots.

## MILK BOTTLE CRATES

To hold 12 quarts, each.....	95c
To hold 16 pints, each.....	95c

## Metal Bound Milk Bottle Crates

To hold 12 quarts, each.....	\$1.25
To hold 20 quarts, each.....	\$1.25

## Milk Bottle Caps, No. 2 Size

100,000 caps.....	30c per M
5,000 caps.....	32c per M
1,000 caps.....	35c per M

No charge for special printing in lots of 100,000 in one color ink.

## The New Sharples Suction-Feed

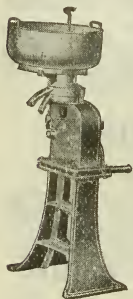
is the only separator made which will not lose cream at varying speeds. The wonderful "Suction-feed" always feeds the milk to the bowl in exact proportion to the separating force being generated. At 45 revolutions it skims clean; at 55 it skims clean; and at 35 revolutions it skims equally clean. No other separator can do it.

No matter how you turn the New Sharples you always get even thickness cream. Just set the cream screw at the desired thickness and it will come out velvety and even—no matter how you vary the speed. No other separator can do it.

The Sharples Tubular bowl is the simplest and lightest in existence. It has only one plain part in it—no discs to wash and bother with.



No. 25, 250 to 300 lbs. of milk per hour, \$60.00    No. 35, 350 to 450 lbs. per hour, \$70.00  
No. 45, 450 to 550 lbs. per hour, \$85.00



## DE LAVAL CREAM SEPARATORS

### CREAM SEPARATOR SIMPLICITY

Simplicity is a vital consideration in a cream separator and one in which the De Laval machines excel in no less degree than in other respects. Indeed, the reconstruction of the De Laval machines during the past few years has been undertaken and carried out more with reference to this consideration than with any other, and the results attained have fully justified the changes made.

No. 5, 200 lbs. milk per hour, \$50.00    No. 10, 335 lbs. milk per hour, \$65.00  
No. 12, 450 lbs. milk per hour, \$75.00.

## THE DIABOLO CREAM SEPARATOR

The DIABOLO Separator has positively all competition backed off the map. The quality is there; we have the price—never before in all Separator history was a high grade Separator offered you at such astonishingly low prices. We have such absolute confidence in the DIABOLO Separator that we will make you our

### THIRTY-DAY FREE TRIAL OFFER

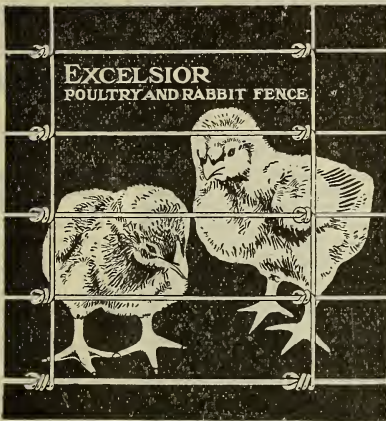
We will sell you a machine on this basis, that is, if, after you have had a machine 30 days, you do not find it exactly as represented below, you may return the machine to us and we will gladly refund your money. If you do not find that there is no Separator on the market that skims closer (the milk may be hot or cold), that is so easy to turn at the same capacity, that is made of better material in any detail, that shows more perfect workmanship, that is easier to clean, that is more convenient to handle, that the cost of repair is less, that gives you the quality at our price—return the machine to us and we will refund your money to you.

If we did not believe in our machine; if we did not absolutely know that we were offering you a proposition that never before was equalled in a cream separator, we could not afford to make you this proposition.

No. 1, 300 lbs. of milk per hour, \$35.00    No. 10, 400 lbs. of milk per hour, \$50.00  
No. 3, 900 lbs. milk per hour, \$65.00

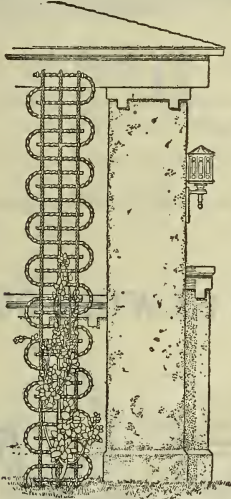


# American Steel and Wire, Cattle, Hog, Sheep and Stock Fence



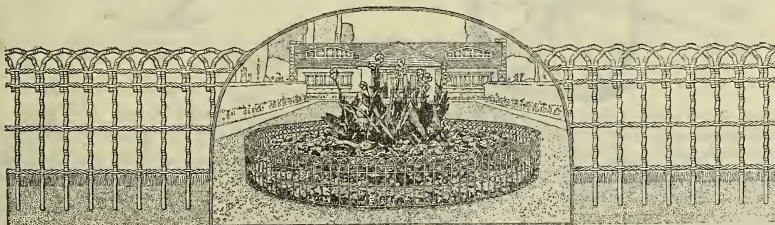
"Cyclone" Flower Bed Fencing

## RUST-PROOF TRELLIS



18 inches wide, 165 lineal feet in roll. Price per foot cut to length, 7c.

## ORNAMENTAL FENCING



The home beautiful is never so complete, never so attractive as when the approach is ornamented with beautiful wrought steel or steel and wire fencing. Compared with the added dignity and beauty which this artistic yard enclosure brings to your home, the

Steel Farm Gates, Steel Fence Posts, Wire Fence Stretchers, Barbed and Smooth Fence Wire, Wire Staples, Galvanized Wire Cloth and Wire Screen Cloth.

## POULTRY WIRE FENCING

BEST GRADE HEXAGON WIRE GALVANIZED AFTER WEAVING

### 2-INCH MESH FOR POULTRY

Width	Size Wire	Length of Roll	Weight About
12 in.	No. 20	150 ft.	10 lbs.
18 in.	No. 20	150 ft.	14 lbs.
24 in.	No. 20	150 ft.	18 lbs.
30 in.	No. 20	150 ft.	23 lbs.
36 in.	No. 19	150 ft.	28 lbs.
48 in.	No. 19	150 ft.	37 lbs.
60 in.	No. 19	150 ft.	47 lbs.
72 in.	No. 19	150 ft.	56 lbs.

### 1-INCH MESH FOR CHICKENS

Width	Size Wire	Length of Roll	Weight About
12 in.	No. 20	150 ft.	15 lbs.
18 in.	No. 20	150 ft.	22 lbs.
24 in.	No. 20	150 ft.	30 lbs.
30 in.	No. 20	150 ft.	37 lbs.
36 in.	No. 20	150 ft.	45 lbs.

Prices on Application.

### COMBINATION 1-IN. AND 2-IN. MESH NETTING

A popular method of erecting Poultry Netting for yards where small chickens are to be kept on one side and fowls on the other side. Erect a strip 18 to 24 inches wide of 1-inch Mesh Chicken Netting at the bottom and a strip 36 or 48 inches wide 2-inch Mesh Poultry Netting above the finer mesh, as illustrated in cut.

### EXCELSIOR POULTRY FENCE

Description—Heavy Grade

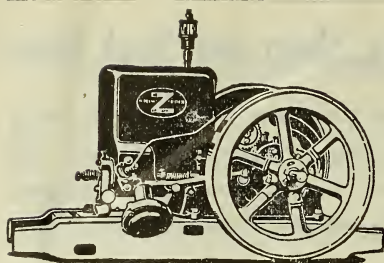
Woven of No. 17 body wires, and single No. 14 salvage wire at top and bottom.

Meshes	Spacing
1st, 2d, 3d and 4th spaces from bottom...	1¼ in.
5th and 6th spaces from bottom...	1½ in.
7th and 8th spaces from bottom...	2 in.
9th and 10th spaces from bottom...	2½ in.
11th and 12th spaces from bottom...	3½ in.

These meshes make up exactly the first 24 inches in height. All meshes above are 4 inches and the spacing of all uprights or stays is 4 inches in 3 widths.

extra cost is a mere trifle.

We carry several different styles and heights of Artistic Wire Fence and would be pleased to give any information desired or quote prices, either in person or by correspondence.



## The NEW "Z" FARM ENGINE

### Varick's Type "Z" Multi-Fuel Oil Engines

Throttle Governor Assures Constant Power Under Variable Load and Weather Conditions

BUILT IN FOUR SIZES, 3, 6, 10 and 15 H. P.

Throttle Governor, Built-in Magneto, Pump Fuel Feed, Removable Bushings in Bearings, Close Speed Regulation, Ignitor Fitted by Ground and Tapered Joint.

This special type of Engine is accepted by Insurance Underwriters.

No effort is spared in making these Engines of the very highest quality in every detail. All parts are precisely made and fitted and standardized for interchangeability. The cylinder and crank case being cast together distributes the weight where needed for strength, giving lightness as well.

The finely ground piston and piston rings give exceptional compression. The water cooled cylinder and valves eliminate heat strains and keep the valves tight. The effective lubrication—accessibility—are found in every one of these Engines.

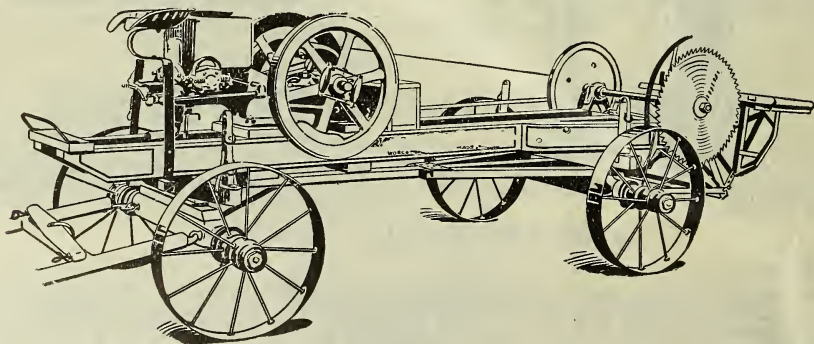
In addition to all this, the Type "Z" Oil Engines have special distinctive features that single them out from all others that make them far superior in point of service rendered. They are designed to run on kerosene and other cheap fuels as well as gasoline. They deliver the same power on a gallon of kerosene as on a gallon of gasoline.

#### PRICES ON APPLICATION

#### SPECIFICATIONS

Horse Power	Speed R. P. M.	Floor Space in inches with Starter Crank Allowance	Extreme Height in inches	Size Belt Pulley in inches		Diam. Fly Wheel in inches	Fuel Tank Capacity in Gallons	Approx. Ship weight pounds
				Diam.	Face			
3	450	34 x 39	28	10	4	22	2.8	500
6	400	40 x 48	32	12	6	28	5.5	875
10	350	65 x 51	44	16	10	41	33	1950
15	350	70 x 53	47	18	12	44	53	2350

### VARICK'S HIGH GRADE WOOD SAWING OUTFIT



The Varick Wood Sawing Outfit consists of a 6 H. P. Oil Engine mounted on a strong, well made and durable portable truck with tilting steel saw table, equipped with belt tightener, 28-inch Simonds circular saw and Varick's high grade rubber belt.

The Engine is a Fairbanks-Morse, type Z, Multi-Fuel Kerosene Oil Engine, built on the four-cycle type, hopper cooled, with built-in magneto, throttling governor, pump fuel feed, close speed regulation, removable bushings in bearings, and ignitor filtered by ground and tapered joints.

The throttled governor assures constant power under variable load, under most extreme weather conditions.

Actual cost of fuel for sawing 20 cords of hard wood is 48¢; 2 4-10¢ per cord.

Engine is built of the very best grade of material and workmanship. Simple in construction and easy to start in the coldest of weather. Will develop 20 per cent. over and above its rated horse power.

Price Complete, ready to run, F. O. B. Manchester, \$250.00

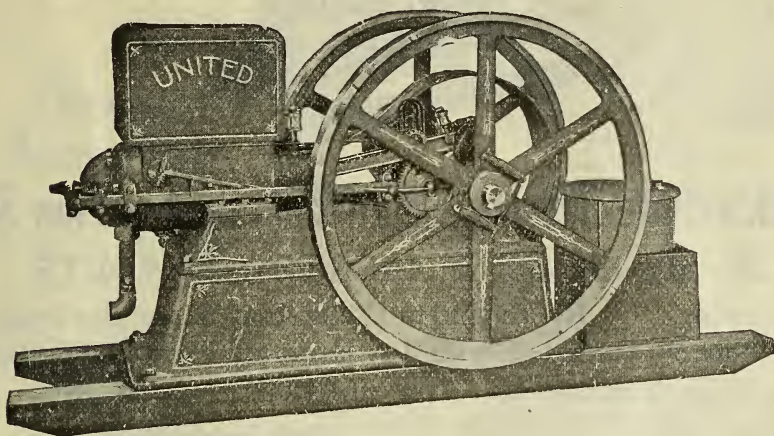


# NEW UNITED 1917 MODEL

## THE GREATEST ENGINE EVER PRODUCED

The Engine that Unites the Dealer and His Customers

The Engine that Defeats the Catalogue House Competition



Our Improved 1917 Model Puts United Engines Years in Advance of All Competitors

UNITED THE FIRST—The Engine That Revolutionized the Gas Engine Business of the World. Hopper Cooled. Speed can be changed while Engine is running.

NEXT TO QUALITY, IT IS THE PRICE THAT COUNTS

Compare These Specifications with any Other Engine Manufactured

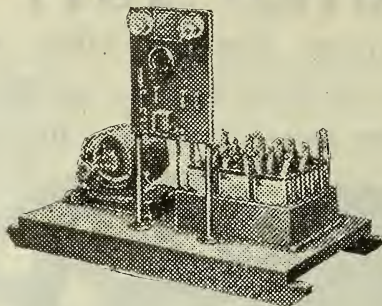
H. P.	Wt. lbs.	Bore ins.	Stroke ins.	Diam. Fly Wheel ins.	Diam. Crank Shaft ins.	Wt. Fly Wheel each lbs.	Pulley Diam. Face ins.	Speed R. P. M.	Price
Hopper Cooled 1½	380	3⅝	3½	16	1⅝	37	4x3	500	<b>\$50.00</b> <b>and</b> <b>Upwards</b>
Air Cooled 1¾	380	3¾	5	18	1⅝	40	6x4	450	
Hopper Cooled 1¾	400	3¾	5	18	1⅝	40	6x4	450	
2¼	500	4	5½	20	1⅝	55	6x4	450	
3½	750	4½	6	24	1⅝	85	10x6	425	
4½	1000	4¾	8	27	1¾	175	12x6	375	
6	1700	6	10	40	2¼	250	18x8	300	
9	2100	6¾	10	42	2½	275	18x8	275	
12	3000	8	13	48	2¾	500	24x8	250	

All Engines are guaranteed to develop an excess of 20 per cent. over and above their rated HP for 19 hours or longer

### EQUIPMENT OF UNITED ENGINES

All UNITED Engines are equipped complete with batteries, plain pulley, battery box, coil, connections, necessary tools and comes regularly mounted on skids, as shown in cut. For portable and full base price, see price list on last page. We can also furnish, on special order, pump feed for all sizes, except the 1 1-2 HP; also gas or kerosene attachments.

We recommend using **COLUMBIA IGNITOR, NO. 6. DRY CELLS, and VARICK'S SPECIAL HIGH-GRADE STATIONARY ENGINE OIL.**



## Varick's United Electric Light Plants Built in Four Sizes

20, 40, 50 and 60 LIGHTS---30 VOLTS

Self Starting      No Engine to Crank-Just Throw the Switch In  
Can Be Operated With Any Ordinary Farm Engine

### ELECTRIC LIGHT PLANT NO. 1 WILL LIGHT

8—15 Watt Lamps for 8 Hours } From Storage Battery  
20—“ “ “ “ 3 “ }  
20—“ “ “ Continuously with Engine Running

Price, complete with Engine, \$162.00 f. o. b. factory

Price, without Engine, \$110.00 f. o. b. factory

### ELECTRIC LIGHT PLANT NO. 2 WILL LIGHT

12—15 Watt Lamps for 8 Hours } From Storage Battery  
24—“ “ “ “ 3 “ }  
40—“ “ “ Continuously with Engine Running

Price, complete with Engine, \$220.00 f. o. b. factory

Price, without Engine, \$160.00 f. o. b. factory

### ELECTRIC LIGHT PLANT NO. 3 WILL LIGHT

15—15 Watt Lamps for 8 Hours } From Storage Battery  
30—“ “ “ “ 3 “ }  
50—“ “ “ Continuously with Engine Running

Price, complete with Engine, \$246.00 f. o. b. factory

Price, without Engine, \$185.00 f. o. b. factory

### ELECTRIC LIGHT PLANT NO. 4 WILL LIGHT

20—15 Watt Lamps for 8 Hours } From Storage Battery  
40—“ “ “ “ 3 “ }  
60—“ “ “ Continuously with Engine Running

Price, complete with Engine, \$295.00 f. o. b. factory

Price, without Engine, \$210.00 f. o. b. factory

All Above Prices Subject to Change Without Notice.

Engines can be used for other purposes—such as Pumping, Washing Machines, Churns, Milking Machines, Bone Grinders, Grain Grinders, and all other small power required about the Farm Buildings.

## OUR LIBERAL GUARANTEE

We guarantee Varick Electric Lighting Plants to be of first class construction and to be made of the best material obtainable, to be free from any mechanical or electrical defects. We further guarantee that when set up and operated in accordance with the instructions sent with each plant, that it will develop its full rated load and be exactly as represented. Should any part become broken or show excessive wear through defective material or workmanship, it will be replaced free of charge, providing said part is returned charges prepaid, to our factory for inspection.

JOHN B. VARICK COMPANY.



## "Great American"

### OLD RELIABLE Lawn Mower

No better lawn mower ever made. We have sold the Great American for many years and have yet to find its superior. 7 inch wheels, either open or solid cylinder.

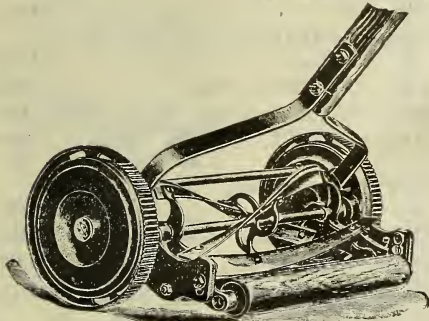
14 inch cut	16 inch cut	18 inch cut
\$8.00	\$8.50	\$9.00



The best and lightest working mower made. A 21-inch cut pushes as easily as an ordinary mower of only 16 inch cut; cuts high grass with greatest ease and leaves the lawn smooth as velvet and free from corrugation.

15 in. cut	17 in. cut	19 in. cut	21 in. cut
\$10.50	11.50	\$12.50	\$14.00

LAWN MOWERS SHARPENED and put in perfect running order in our Electric Machine Shop by our own special process **\$1.00**



### THE GRASSHOPPER

The best low priced ball bearing Lawn Mower. Light running, noiseless, leaves the lawn smooth and free from corrugation.

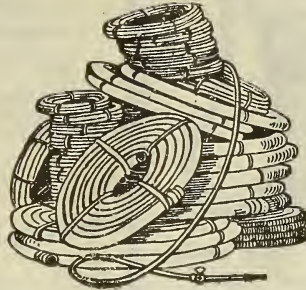
14-inch cut	16-inch cut	18-inch cut
\$5.50	\$5.75	\$6.00

### "AUTO KUT" LOW PRICE LAWN MOWER

For the benefit of those who want a low-priced mower, and for those who have but little grass to cut, we offer the best cheap mower made. While the prices are as low as "department store" prices, yet the mower will be found much better, both in quality of knives and kind of work.

14-inch cut	16-inch cut	18-inch cut
\$3.75	\$4.00	\$4.25

## Rubber and Cotton Garden Hose



Sold under our binding guarantee.  
 $\frac{1}{2}$ -in. size—11c. foot  
 This price includes couplings, either 25 or 50-foot lengths.

To buy cheaper hose is to invite endless trouble. Poor hose is dear at any price.

Allen Lawn Sprinkler	85c
Crescent Lawn Sprinkler	75c
Busy Lawn Sprinkler	65c
Pluvius Lawn Sprinkler	\$1.25
Gibbs' Spray Nozzle	50c
Fairy Spray Nozzle	75c
Grass Catchers for Lawn Mowers, for 14 in.	85c.,
16 in., \$1.00, 18 in., \$1.25.	

### HUDSON HOSE MENDER SETS

for one-half or three-quarter inch hose. Per set, 40c.

### HUDSON BRASS HOSE MENDER TUBES

1-2 inch—5 cents each, 50 cents doz. 3-4 inch—6 cents each, 55c. doz.

### HUDSON BRASS HOSE MENDER BANDS

1-2 inch and 3-4 inch—2 cents each 15 cents dozen.

### HUDSON HOSE MENDER PLIERS

25 cents each

### ALLEN HOSE CLAMPS, GALVANIZED

1-2 and 3-4 inch—3 cents each; 25 cents dozen

### PERFECT HOSE MENDERS

1-2 and 3-4 inch—10 cents each; \$1.00 a dozen

### SILL COCKS, NICKLE PLATED

1-2 and 3-4 inch—\$1.00

HOSE REELS, JAPANNED STEEL, \$1.25

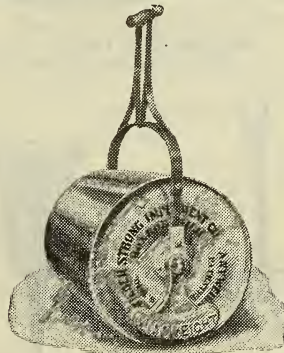
HOSE REELS, GALVANIZED STEEL, \$1.75

DETACHABLE HOSE RACKS, \$1.50

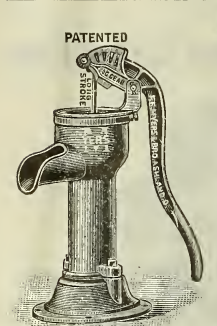
BRASS HOSE COUPLINGS

1-2 and 3-4 inch—20 cents each; 1 inch—25 cents.

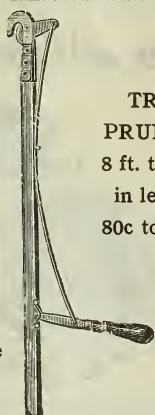
## Rollers For Garden and Lawn



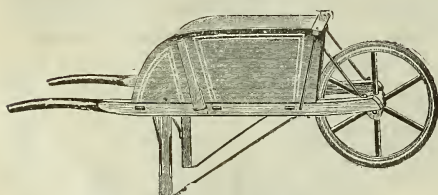
Just the thing for rolling the lawn tennis court or driveway. Made in one, two or three sections. Extremely easy to handle and turn. Weight, 75 to 500 lbs. Made with beveled edges; run easily and will not tear the turf when turned about. Prices: \$10.00, \$12.00, \$13.00.



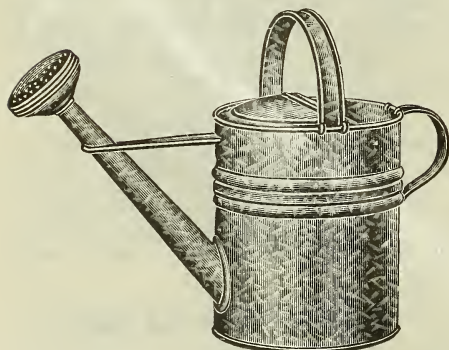
Myers' Long Stroke  
Pitcher Pump,  
\$2.70



**TREE  
PRUNERS**  
8 ft. to 16 ft.  
in length,  
80c to \$1.25



GARDEN WHEELBARROW, \$3.50



Heavy Strong Galvanized  
WATERING POTS  
4 to 12 quarts, 50c to \$1.15



Manure Forks  
65c and up



Iron Bouquet Holders  
Painted Green,  
25c to 40c

We carry as complete a stock of Agricultural Tools, Implements and Sundries as may be found anywhere, and our prices, taking quality into consideration, will be found as low as the lowest.

- ASPARAGUS KNIVES** ..... 35c  
**AXES, HANDLED** ..... 85c to \$1.25  
**BROOMS, "PUSH," 16-inch, 6-row Rat-tan** ..... 75c  
**BOUQUET HOLDERS, tinned, painted green** ..... 10c  
**BOUQUET HOLDERS, iron, tulip shaped** ..... 25c to 40c  
**BOUQUET HOLDERS, glass** ..... 35c  
**BOXES, Galvanized Window, 24-inch, \$1.00**  
**BOXES, Galvanized Window, 30-inch, \$1.25**  
**BUSH HOOKS, common, \$1.00 best** .. \$1.50  
**CANT DOGS or HOOKS** .. \$1.35 and \$1.40  
**COW TIES, 3-ft. 25c, 3½-ft 30c, 4ft. 40c, 4½-ft 60c**  
**CATTLE CARDS** ..... 10 and 15c  
**FORKS, MANURE—**  
    4-Tine, Long Handle ..... 75c  
    4-Tine, Iron D Handle ..... 90c  
    5-Tine, Long Handle ..... \$1.00  
    5-Tine Iron D Handle ..... \$1.10  
    5-Tine, Wood D Handle ..... \$1.25  
    6-Tine, Long Handle ..... \$1.10  
    6-Tine, Iron D Handle ..... \$1.25  
    6-Tine, Wood D Handle ..... \$1.35  
**FORKS, HAY—**  
    3-Tine, 13-inch, 3 to 4½-ft, handles ... 80c  
    3-Tine, 13-inch, 5 to 6-ft, handles ..... 90c  
    3-Tine, 14-inch, 3 to 4½ ft. handles ... 90c  
    3-Tine, 14-inch, 5 to 5½ ft. handles ... 95c  
**FORKS, SPADING, 4-Tine, long handle, strapped** ..... \$1.00  
**FORKS, SPADING, 4-Tine, Iron D handle, strapped** ..... \$1.05  
**FRUIT PICKERS, common** ..... 25c  
**FRUIT PICKERS, basket, open at side** ... 25c  
**GRAFTING WAX, ¼ lb. 10c, ½ lb. 15c, 1 lb. 25c**  
**GRAFTING KNIVES, "Pocket," extra heavy** ..... 75c and 90c  
**GRASS CATCHERS, 12 to 15-inch** ..... 85c  
**GRASS CATCHERS, 16 to 18-inch** ..... \$1.00  
**GRASS CATCHERS, 19-inch and larger** \$1.25  
**GARDEN SETS, hoe, rake and shovel** ..... 10c and 25c  
**GARDEN SETS, hoe, rake and Dandelion spade** ..... \$1.00  
**GARDEN SETS, rake, spade and fork** ..... \$1.25  
**HARNESS PUNCH, Revolving, 4-tube 60c, 6-Tube 70c**

#### HOES—

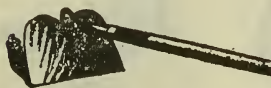
- Garden, 7 inch and 8-inch Field Socket 60c  
Garden, 7-inch and 8-inch Field Shank 55c  
Garden, 9, 9½-inch Meadow Socket . 65c



## PREPARED ROOFINGS



When in the market for Roofing, be sure and get our prices. We have saved money for others, why not let us try and save some for you?



GARDEN HOES

45c to 65c



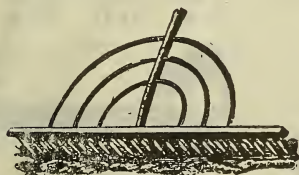
NORCROSS HAND WEEDER

25c



ASPARAGUS KNIFE

35c



WOOD LAWN RAKE

45c

## HOES—Continued.

Ladies'	45c
Boys'	50c
Square Top Onion	60c
Humphrey	50c
Scuffle	65c
Pull Easy Weeder, adj, 7 to 18 in.,	\$1.25
Weeder Hoes	25c, 50c, 75c
PRUNING SHEARS, 25c, 40c, 50c, and 75c	
PRUNERS, TREE	8-ft. 80c, 10-ft. 85c
12-ft. \$1.00, 14-ft. \$1.15, 16-ft. \$1.25	
RAFFIA, per lb.	30c
RAKES—	
Iron, 14-tooth	35c
Steel	12 tooth 65c, 14 tooth 65c
	16 tooth 70c
Wood, Hay, extra, 2 bows	40c
Wood, Hay, No. 1, 2 bows	35c
Wood, Hay, No. 1, 3 bows	40c
Wood, Hay, No. 2, 2 bows	30c
Hand Rake Teeth, dozen	10c
Gibbs' All Steel Lawn Rake	50c
Wood Lawn Rake	45c
Drag or "Bull" Rakes, complete	70c
Heads only 35c, Handles 40c,	
Teeth 15c doz.	

SAWS, Pruning ..... 75c to \$1.50  
SCYTHES—

Durham	\$1.00
Sibley's Clipper	85c
Sibley's Solid Steel	90c
Sibley's Bramble	85c
Sibley's Bush	85c
Rifles and Stones	5c to 25c

## SNATHS—

Ash	75c
Bush	85c
Cherry	\$1.00

SOD LIFTERS ..... \$1.10

SICKLES or GRASS HOOKS, 30c, 35c, 50c,

## SHEARS—

Grass or Sheep	25c, 35c and 50c
Grass Borders or Lawn, with wheel,	\$2.25
English Hedge	9-inch \$1.60
10-inch \$1.75, 12-inch \$2.50	

## TRELLIS—

Tomato Handy Vine, \$2.00 doz	25c
Wheelock Style, 19-in. wide, ft.	14c

TURF EDGERS ..... D-Handle 80c  
Long Handle 70c

## TROWELS, GARDEN

7c, 8c, 12, 20c, and 25c

TREE GUARDS ..... 8-in. dia. \$1.50  
10-in. dia. \$1.35, 12-in. dia. \$2.00

## WATERING POTS—

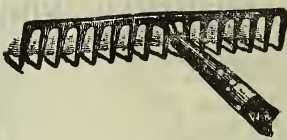
Painted	1-qt. 20c, 4-qt. 35c, 6-qt. 40c
	8-qt. 50c, 10-qt. 60c
Galvanized	4-qt. 50c, 6-qt. 60c
	8-qt. 75c, 10-qt. 90c, 12-qt. \$1.00
	17-qt. \$1.15

## WHEELBARROWS—

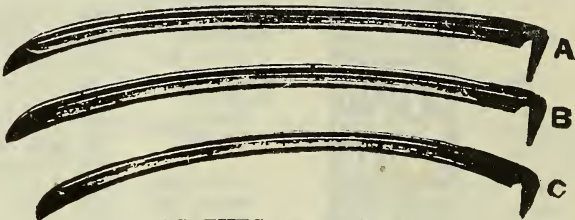
Boys	\$2.75, Small \$3.50, Medium \$3.50,
	Large \$3.75
"Amoskeag" Garden	\$3.50
"Syracuse" Garden	\$4.25, \$4.50, \$4.75



LIGHTNING HAY KNIFE, \$1.25



IRON RAKES, 40c



SCYTHES, 85c to \$1.00



GIBBS'  
Post Pole Digger  
\$1.25



ROSE BUSHES  
On Sale About April 15th



GIBBS'  
Post Hole Digger  
\$1.25



SPRAY NOZZLES  
35c to \$1.75  
Like Cut 75c



SICKLES or GRASS HOOKS  
30c, 35c and 50c



TREE GUARDS  
8 in. 10 in. 12 in.  
\$1.50 \$1.75 \$2.00



Potato Digger Hooks  
75c and 85c



Steel Rakes, 65c to 75c



Weeder Hoes, 4 and 6 prongs  
Like Cut, very special, 40c



# REMEDIES FOR INSECTS & FUNGUS

**SWIFT'S ARSENATE OF LEAD** (paste). A remedy for the Elm Tree Beetle, Gypsy Moth, Brown Tail Moth, etc. It adheres well to the foliage and does not readily wash off with the rain. Price, 1-Lb. jar, 25c.; 2-Lbs. 40c.; 5 Lbs. 85c.; 10 Lbs. \$1.50; 25 Lbs. \$3.50; 50 Lbs. \$6.50; 100 Lbs. \$12.00.

**ARSENATE OF LEAD, POWDERED**. May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur, solution of Bordeaux, only half the weight is needed as of the paste form. Price, 1 Lb. 30c.; 5 Lbs. \$1.40; 10 lbs. \$2.50; 25 Lbs. \$5.75; 50 Lbs. \$11.00; 100 Lbs. \$21.00.

**BORDEAUX MIXTURE PASTE** (Sterlingworth). Ready for use by simply adding 1 part to 50 of water. An indispensable fungicide curing and preventing black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Price, 1 qt. 40c.; 1 gal. \$1.10; 5 gal. \$4.25; 10 gal. \$7.50.

**BORDEAUX, POWDERED**. Requires 1 to 1½ lbs. to 10 gallons of water as a fungicide spray. Price, 1 Lb. 35c.; 5 Lbs. \$1.50; 10 Lbs. \$2.75.

**BUG DEATH**. A non-poisonous powder to be applied dry or mixed with water and sprayed on the plants. It is death to the potato, squash and cucumber bugs, currant and tomato worms. It is best applied dry with a duster or bellows at the rate of about 12 lbs. per acre. Price, 1 Lb. 15c.; 3 Lbs. 40c.; 5 Lbs. 60c.; 12½ Lbs. \$1.10; 100 Lbs. \$8.00; Dickey Bug Duster for applying above, 30 cents each. Acre-an-Hour Sifter 50 cents each.

**CREOSOTE FOR GYPSY MOTHS**. The most effective protection from caterpillars. Sure death to the eggs. Quart, 20c.; 1 gal. 60c.; 5 gal. \$2.00.

**CUT WORM KILLER**. A sweetened material that is more palatable to the cut worm than the plants themselves. It is sprinkled on the ground around the plants as soon as the young seedlings break the ground. Price, 1 Lb. 25c.; 5 Lbs. \$1.00.

**DALMATIAN OR PERSIAN INSECT POWDER**. One of the best insecticides for all insects. 2 Oz. cans, 10c.; 1 Lb. 40c.

**INSECT POWDER GUNS**, 10 cents each.

**FISH OR WHALE OIL SOAP**. Makes an excellent wash for trees and plants where insects and eggs affect the bark and for smearing on the trunks of trees to prevent worms from crawling up. ½ Lb. 10c.; 1 Lb. 15c.

**FORMALDEHYDE**. This solution is used to prevent fungoid diseases, such as potato scab, grain smut, etc. The dilution for most purposes is 1 pound Formaldehyde to 15 or 20 gallons of water; 1 to 2 gallons of solution is required to treat each bushel of potatoes. Price, Pt. bottle 50c.; Qt. bottle 85c.

**HELLEBORE, POWDERED WHITE**. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved 1 ounce in 3 gallons of water. ¼ Lb. package 15c.; ½ Lb. package 25c.; 1 Lb. package, 45c.

**LEMON OIL**. Destroys scale, thrip, mealy bug, red spider, black and green fly. Price ½ pint, 25c.; 1 pint, 40c.; 1 quart 75c.; ½ gallon, \$1.25; 1 gallon, \$2.00; 5 gallons \$9.00.

**BOWKER'S LIME SULPHUR**. A most effective remedy for San Jose Scale, Oyster-Shell Scale and many Fungi. It should be applied any time after December 1 and before the buds start in the spring. Needs only to be diluted with cold water and it is ready to apply. Price, 1 gal. 75c.; 5 gal. 2.25; 10 gal. \$3.50; bbl. of 50 gal. \$7.00.

**PARIS GREEN**. A poisonous insoluble powder, extensively used for potato bugs, caterpillars, slugs, etc.

**PYROX, BOWKER'S**. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes, saving labor and expense. All ready to use by adding water. Price 1 Lb. 25c.; 5 Lbs. \$1.00; 10 lbs. 1.85; 25 Lbs. \$4.50; 50 Lbs. \$8.00; 100 Lbs. \$15.00; 300 Lbs. \$43.50.

**SCALECIDE**. A very effectual winter wash for trees infested with San Jose or other scales. Spray during winter when the trees are dormant. Quart 40c.; 1 gallon \$1.00.

**SULPHO-TOBACCO SOAP**. A popular insecticide for the amateur, quickly exterminating all insect life on plants and flowers in and out of doors. Price, 3 Oz cake 10c.; 8 Oz. cake 20c.

**SLUG SHOT**. A non-poisonous popular powder, easily distributed by a duster, bellows, or in water by spraying. An effectual remedy for potato bugs, slugs, worms, caterpillars, green and black flies infesting vegetables and other plants. 5 Lb. package 35c.

**TREE TANGLEFOOT**. A perfect safeguard for trees and shrubs against gypsy and brown-tail moths and other creeping insects. Price, 1 Lb. 35c.; 3 Lbs. \$1.00; 10 Lbs. \$3.00; 20 Lbs. \$5.50; 25 Lbs. \$6.75.

**WEED KILLER, STERLINGWORTH**. A powder especially adapted for destroying weeds in walks, drives, tennis courts or any place where the killing of all vegetation is desired. Price, 1 Lb. 50c.

**SULPHO-NAPHTHOL**. The great disinfectant. 3-Oz. bottle, 19c.; 8-Oz. bottle 39c.; quart 83c.; gallon can, \$3.00.

**CABOT'S MILKOL**. Standard disinfectant and sheep dip, antiseptic. Insecticide, non-corrosive, germicide, non-poisonous. 2 quart can, 85c.; 1 gallon can, \$1.50.

**CARBONOL**. The Coal Tar Disinfectant, antiseptic, insecticide, germicide and cleanser. 1 Oz. 10c.; 4 Oz. 25c.; 16 Oz. 50c.; 32 Oz. \$1.00; 1 gal. \$1.75.

**DURHAM CATTLE OIL**. Protects horses, cattle, dogs, etc., from flies and gnats, mosquitoes, horse fly and other insects; is healing to sores, destroys head lice on fowls, etc. 1 gal. can, 75c.

**LEWIS' FLY OIL**, per gallon can, 75c.

**CARBONOL**. Trial size, 10c.; 4 Oz. 25c.; 16 Oz. 50c.; 32 Oz. \$1.00; 1 gallon \$1.75.

**CROW TAR**. 1 pint, 25c.; 1 quart, 40c.

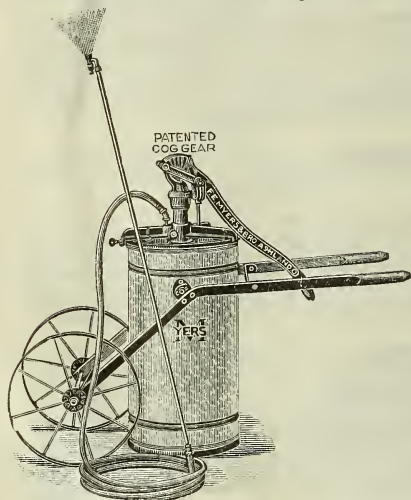
**BABBITS' PURE CONCENTRATED LYE**. 1 Lb. can 10c.

**CLORINATED LIME**. 12 Oz. can 10c.

## "SPRAY THE TREES" Say Successful Fruit Growers

"I will" said Mr. Brown. He had 1,000 barrels of apples.

"I don't need it" said Mr. Jones. He had 380 barrels of apples. (Same size orchard).



**MYERS' HANDY SPRAY PUMP** with mechanical agitator, 15 ft. hose, 8 ft. pipe extension and Vermorel nozzle, . . . . . \$20.00

### BROWN'S AUTO SPRAY

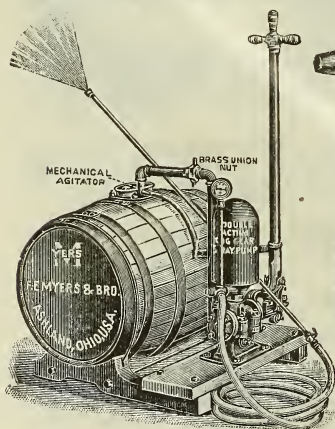
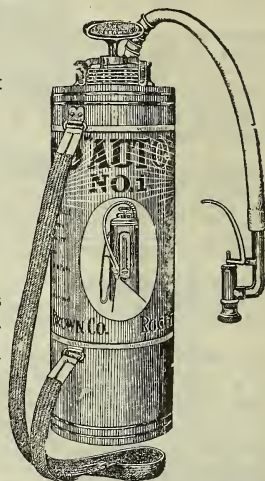
Galvanized Tank

\$5.50

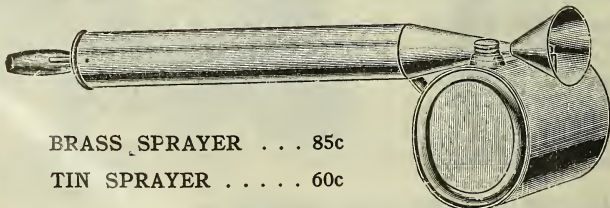
Brass Tanks

\$7.50

Complete lines of parts and repairs always in stock.

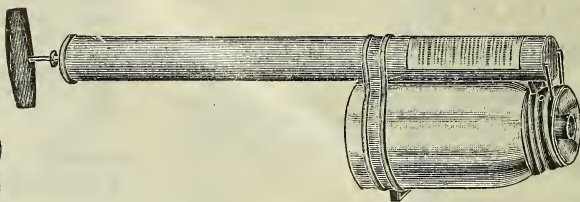


**MYERS' DOUBLE ACTING COG GEAR PUMP** complete with spray outfit, 50 gallon barrel, pressure gauge, one 15-ft. lead of  $\frac{1}{2}$  in. 7-ply discharge hose, one Fembro nozzle, one 8-ft. pipe extension with lever shut-off and mechanical agitator . . . . . \$30.00

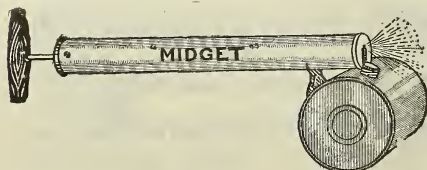


**BRASS SPRAYER** . . . 85c

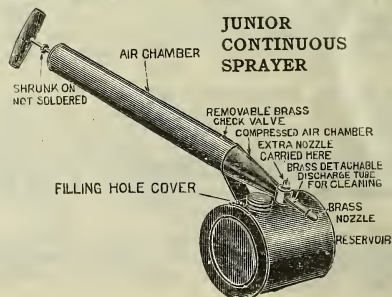
**TIN SPRAYER** . . . . . 60c



**GLASS JAR SPRAYER**, holds one quart . . . 60c



**MIDGET.** Made of tin, holds one pint of liquid . . . . . 25c

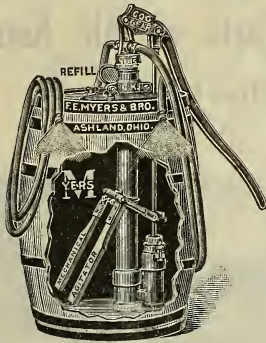


**JUNIOR CONTINUOUS SPRAYER**

SHRUNK ON NOT SOLDERED  
AIR CHAMBER  
FILLING HOLE COVER  
REMOVABLE BRASS CHECK VALVE  
COMPRESSED AIR CHAMBER  
EXTRA NOZZLE CARRIED HERE  
BRASS DETACHABLE DISCHARGE TUBE FOR CLEANING  
BRASS NOZZLE  
RESERVOIR

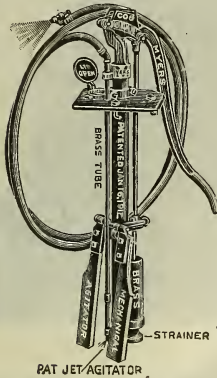
Made of tin, holds one quart . . . 75c



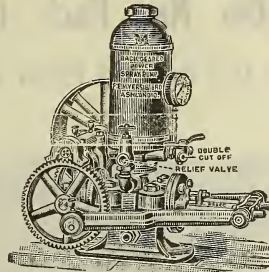
**MYERS' O. K. SPRAY PUMP**

With 15 feet of 7-ply hose, mechanical agitator and Vermorel nozzle.

Price, \$19.00

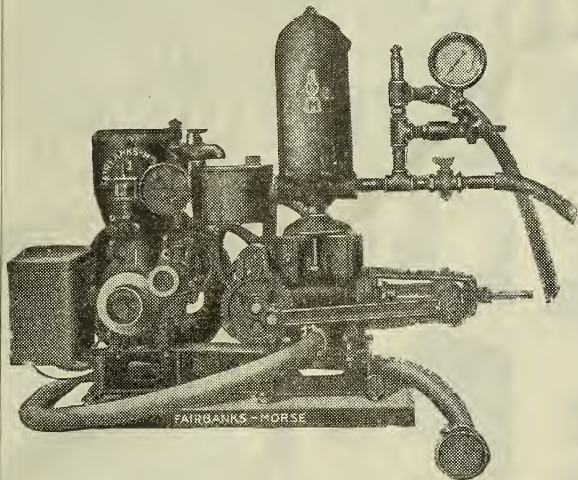
**MYERS' COG GEAR BARREL SPRAY PUMP**

Price, \$12.00

**MYERS' BACK GEARED POWER SPRAY PUMP**

2 by 5 inch cylinder fitted with strainer pressure guage and relief valve, gear drive.

Price, \$50.00

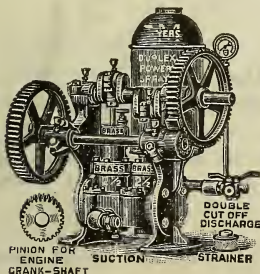
**FAIRBANKS-MORSE ECLIPSE SPRAY**

1 H. P. Eclipse Engine, 2 by 3-inch Typhoon Pump. Two leads  $\frac{1}{2}$ -inch hose will handle same at 200 lbs. pressure.

Price, \$100.00

**MYERS' DUPLEX POWER SPRAY PUMP**

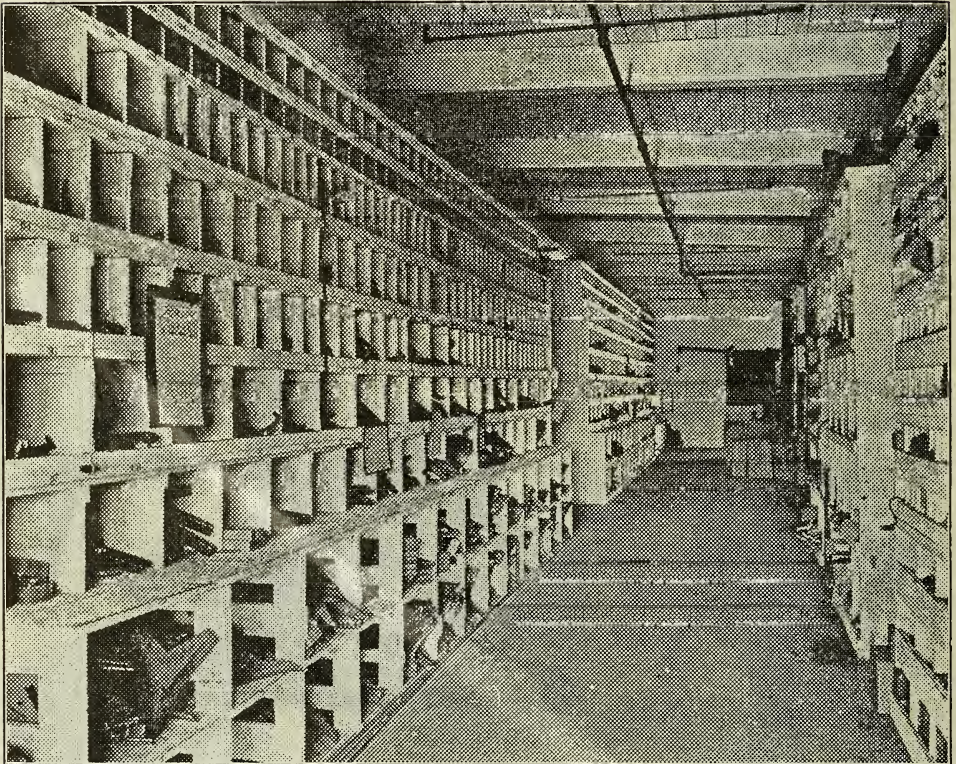
Double action, 2-inch cylinder fitted with relief valve, pressure guage, double cut-off discharge, 6-foot wire-bound suction hose, two 8-foot pipe extensions and two power nozzles. No discharge hose.



Price, \$55.00



The Photographic Reproduction Below Shows A  
**Section of Our New Rack for Repair Parts of All Kinds**  
 on the Second Floor of our Depot Street Store



This Rack contains 1,262 Bins, containing repair parts for the EDDY and SYRACUSE SULKY PLOWS, YANKEE, ARLINGTON, 76 DOE, EDDY and CHICOPEE WALKING PLOWS.

Roderick Lean Disc, Spring Tooth and Spike Tooth Harrows.

Iron Age, Dixie, McCormick and Hussey Cultivators.

Iron Age Garden Tools, Eclipse and King Corn Planter.

Iron Age Potato Planter and Digger.

Worcester, Adriaance and McCormick Mowers and Horse Rakes.

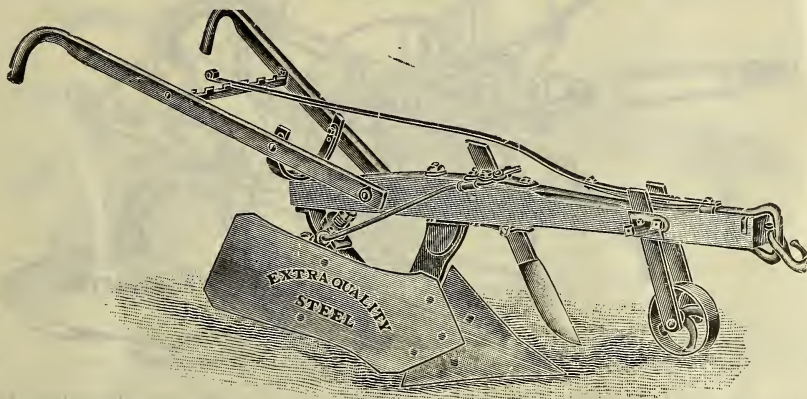
Sections for all makes of Mowers, Pump Repairs, United and Fairbanks Engine Parts.

At our Depot Street Store we sell Poultry, and Pet Stock of all Kinds on commission. Bring in your Poultry, Dogs and Pet Stock, if you have any For Sale. We exhibit them in our windows and charge you a small commission for selling.

All our Poultry Supplies are sold at both our Depot Street and at our Elm Street Stores.

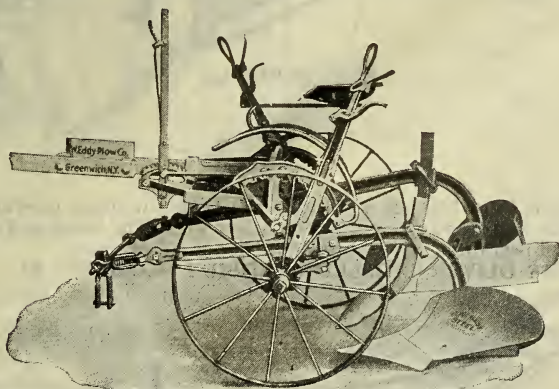


## The Old Reliable '76 Swivel Plow



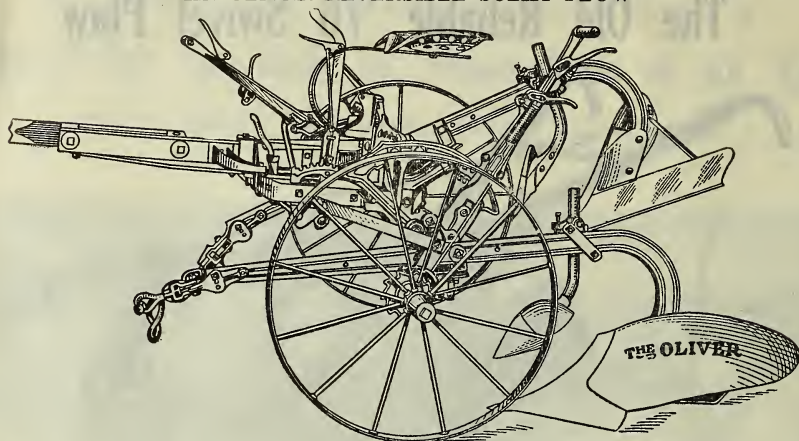
76C	Light 1 Horse with wheel .....	\$ 7.25
76C	Light 1 Horse with wheel and cutter .....	8.50
76B	Light 2 Horse with wheel and shifting cutter, Steel Mouldboard .....	12.00
76B	Light 2 Horse with wheel and shifting cutter, Iron Mouldboard .....	11.00
76A	Medium 2 Horse with wheel and shifting cutter, Iron Mouldboard .....	12.00
76A	Medium 2 Horse with wheel and shifting cutter, Steel Mouldboard .....	13.50

## The Eddy Reversible or Two-Way Sulky Plow



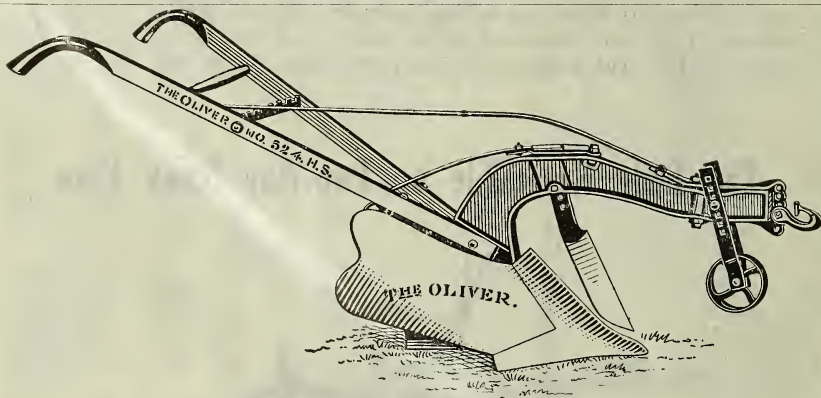
A series of exhaustive tests and experiments has absolutely convinced us that the Eddy Reversible or Two-Way Sulky Plow is in a class by itself, and is so far in advance of other plows of its kind that it is not to be compared with them. It is made with two plows, which are operated by separate levers, and which permit not only the regulation of the depth of the cut but each is operated by a power lift. These lifts raise the plow from out of the earth. Each plow is absolutely independent of the other, since each has its own lever for adjusting the depth and its own lifting device. In levering either plow, however, the lever to the opposite plow should first be set to permit the wheels to assume their proper relative positions.

**Price, \$50.00**

**THE OLIVER REVERSIBLE SULKY PLOW**

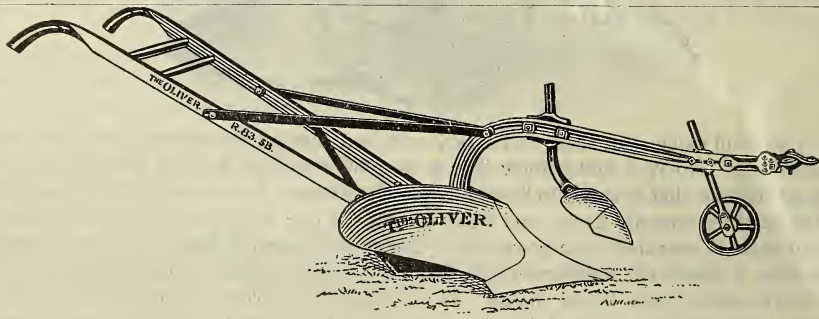
The acknowledged leader of its class: its construction is of the best throughout; being a combination of strength, lightness and durability; the name Oliver on a plow is for the protection of the purchaser; it is a horse left plow; a boy old enough to drive a team can operate the plow with ease.

Price \$68.00

**THE OLIVER HILLSIDE PLOW NO. 524**

The Oliver Hillside Plow No. 524 is a strong, iron beam, two horse plow adapted especially for plowing in gravelly and stony ground and on heavy soils. The beam and standard are cast in one piece, making a beam that can not possibly spring out of place.

Price \$16.00

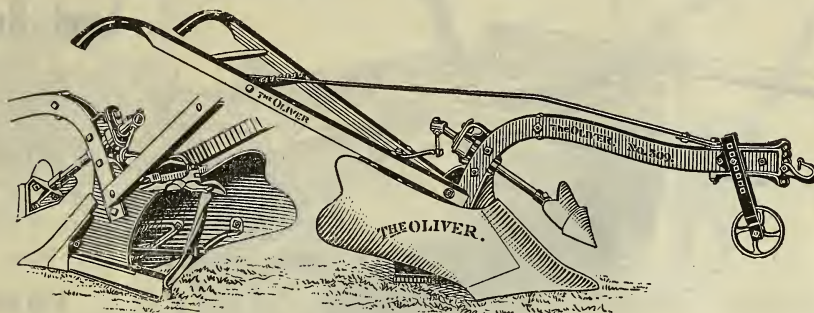
**THE OLIVER CHILLED LANDSIDE PLOW NO. 83**

A general purpose plow for difficult plowing. Especially adapted for use in cobble or flat stony land, where a deep narrow furrow is required.

Price \$15.50



# The Oliver Hillside Plows No. 508 and 509

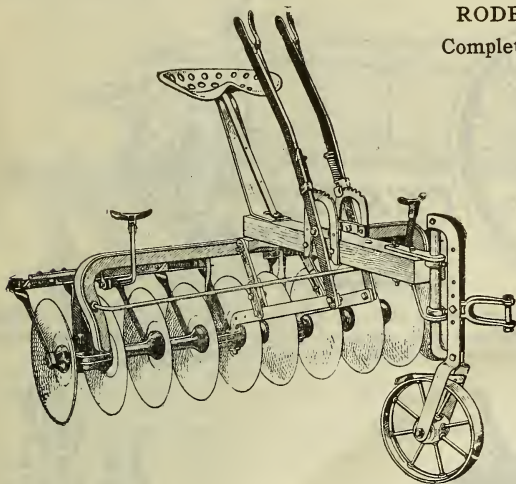


The Oliver No. 508 and 509 reversible hillside plows are adapted for plowing sod as well as stubble; is equipped with a knife coulter which is automatically adjusted, beam is of truss construction being impossible to spring it out of place.

Price, No. 508, \$17.50; No. 409, \$18.00

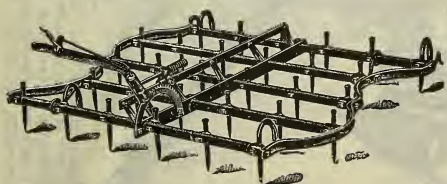
## RODERICK LEAN DISC HARROWS

Complete with Neckyoke and Whiffletree

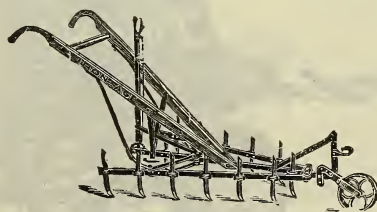


	Solid Discs.	Dia.	Weight
2 Horse	12	16-inch	411 lbs.
	Price 29.00		
2 Horse	12	18-inch	437 lbs.
	Price \$32.00		
2 Horse	12	26-inch	437 lbs.
	Price \$36.00		
	Cutaway Discs.	Dia.	Weight
1 Horse	8	14-inch	316 lbs.
	Price \$17.50		
2 Horse	12	16-inch	411 lbs.
	Price 31.00		
2 Horse	12	18-inch	437 lbs.
	Price \$34.00		
2 Horse	12	20-inch	473 lbs.
	Price \$36.00		

## SPIKE TOOTH SMOOTHING HARROW

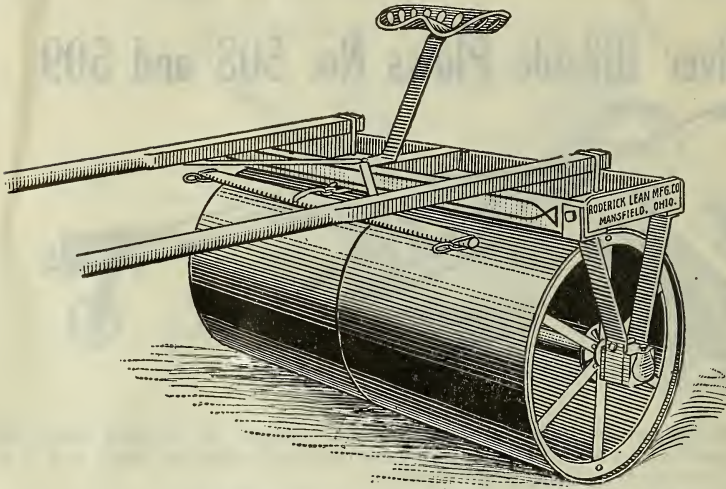


Teeth	Sections	Weight	Price
50	2	187 lbs.	\$14.00
60	2	203 lbs.	15.00
75	3	280 lbs.	20.00



## "IRON AGE" COMBINED DIAMOND-TOOTH HARROW AND CULTIVATOR

No. 1014EP \$6.50



## Land Rollers

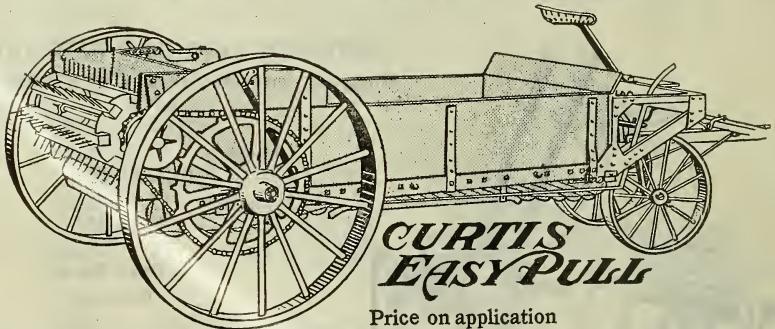
1 horse 6 ft. by 24 inches

**\$27.00**

2 horse 8 ft. by 24 inches

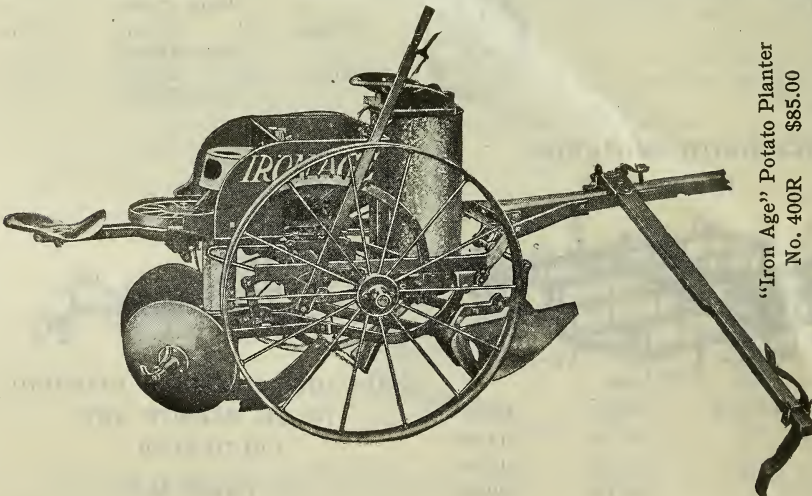
**\$30.00**

## CURTIS EASY PULL MANURE SPREADER



Price on application

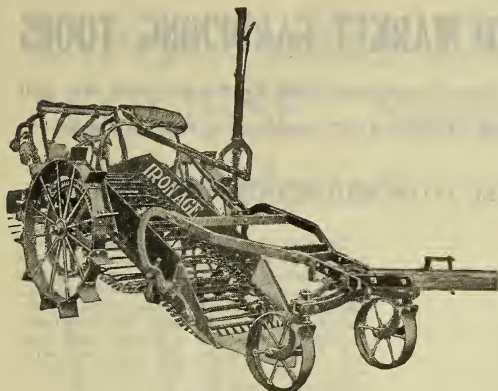
Low down with high wheels; no pulverizer to prevent loading over the rear end; when loading end gate is down; when spreading end gate is raised acting as a pulverizer; the hump in the floor prevents the load from packing on the under side against the beater.



"Iron Age" Potato Planter  
No. 400R \$85.00

Steel frame planter, every Iron Age Planter saves at least one bushel of seed per acre, some times as high as two; automatically places every seed piece as you want it, without a miss or a double and without injury, no skips to eat up the profits nor doubles to waste seed.





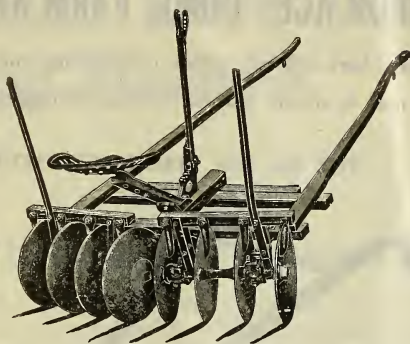
### IRON AGE ELEVATOR POTATO DIGGERS

operate successfully in extreme conditions

22-inch elevator, 32-inch wheels,  
42½-inch tread, including lugs

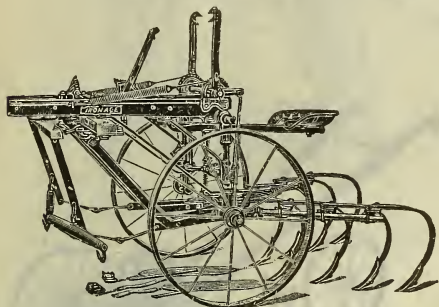
Drives with great power. Wide, long elevator.  
Separates thoroughly without injury to the crop.  
Has fine adjustment for the plow.

No. 155 \$95.00



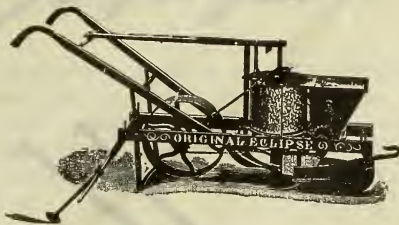
### ONE HORSE YANKEE HARROW \$22.00

8-16 inch solid discs, cuts four foot wide  
a good serviceable implement.



### IRON AGE RIDING CULTIVATOR, \$34.00

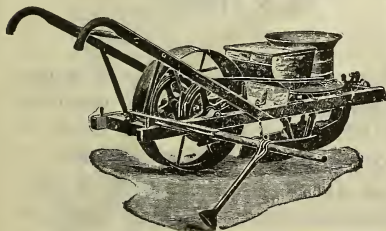
Fixed or pivot wheels, one lever shifts both  
gangs for width. Fitted with 8 spring teeth.



### ECLIPSE CORN PLANTER

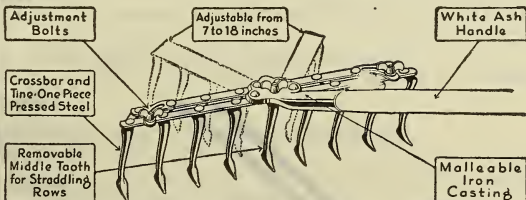
Especially adapted to the wants of the  
New England farmer. Sows both seed  
and fertilizer with perfect accuracy.

\$22.00



### KING OF THE CORNFIELD

Plants Corn, Beans, Peas, Beets, etc.,  
quantity of seed and fertilizer regulated  
as desired \$22.00.



### THE PULL EASY HAND CULTIVATOR

What it is:—Handy, well balanced, attractive garden cultivator or rake. Adjustable: Can be varied to suit width of different rows—range, from 7 to 18 inches. Middle tooth: It can be quickly removed. This allows cultivator to straddle plants and work two rows at once, when plants are young. As a rake: Spread out to its full width it is 18 inches wide and can be used as a rake. Material: Handle 4½ feet long, white ash. Socket casting malleable iron. Side bars high carbon steel. Teeth cold pressed steel. \$1.25.

## "IRON AGE" HOME, FARM AND MARKET GARDENING TOOLS

Space here will only permit our showing and describing a few "Iron Age" tools, but we will mail to all who ask for it, complete catalogue of "Iron Age" Implements, free of charge.

### THE No. 19-C "IRON AGE" WHEEL PLOW AND CULTIVATOR \$4.00



Consists of a plow, rake, scuffle hoe, 2 cultivator teeth. The plow is used for breaking ground, opening furrow, and cultivating. The rake for leveling, raking and cultivating the crops while they are small; the scuffle hoe for breaking the soil, which may become hard from rain, baking or stamping; the two cultivator teeth for making small furrows, deep cultivating, etc.

### No. 22 "Iron Age" Combined Fertilizer, Distributor, Hill and Drill Seeder

Another step in labor saving tools for market gardeners. A combined Fertilizer, Distributor, Hill and Drill Seeder. A Fertilizer for side dressing of crops. Price \$22.50.

No. 23 "Iron Age" Fertilizer Distributor as Side Dresser, same as No. 22, without Hill and Drill Seeder. Price \$16.25.



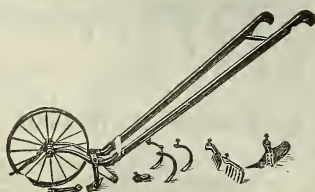
"IRON AGE" DOUBLE WHEEL HOE

No. 1, \$7.85



"IRON AGE" COMBINATION WHEEL, HOE, HILL AND DRILL SEEDER

No. 6, \$13.50



"IRON AGE" SINGLE WHEEL HOE

No. 20, \$6.75

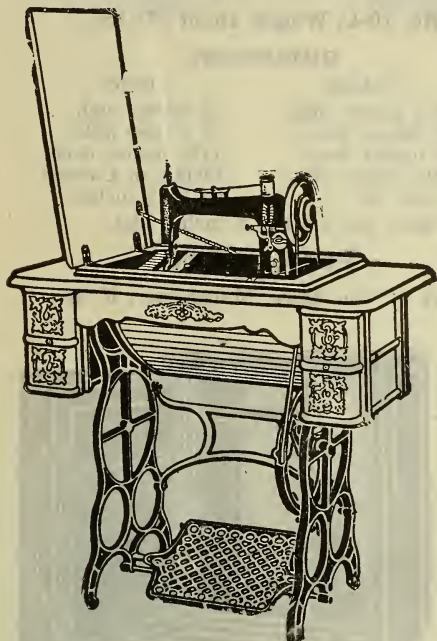
The thorough cultivation that keeps the weeds down at all times, holds the moisture and helps the ground to grow better crops, is possible only with Modern Garden Tools.

The Iron Age line of these tools is very complete and adaptable to all of the work in any practical garden, large or small.

It includes wheel hoes, double and single, hill and drill seeders, fertilizer distributors, in many sizes and combinations.



# Every Family Should Have an "ECLIPSE" Sewing Machine in the House



## OUR "Eclipse" Sewing Machine

Is made especially for us by the Davis Sewing Machine Co. It is fully guaranteed for 10 years. Is beautifully finished in Golden Oak. Has vibrating shuttle and lock stitch; high arm. Ball-bearing drive wheel. Full set of attachments, extra needles, oiler and instruction book.

WITH PLAIN  
DROP HEAD **\$17.50**

WITH AUTO-  
MATIC LIFT **\$20.00**

We carry in stock at all times a complete assortment of Needles for the following machines: Household, Marguerite, Eclipse, Davis, New Home, New Domestic, White, Wheeler & Wilson, Singer, Standard and Howe.

### "THE ECLIPSE" with Automatic Lift

Contains more desirable features than any machine of this type ever produced and is absolutely without a rival.

When the leaf or top lid is raised and turned over, the head of the machine raises automatically in position for sewing.

When open, the frame to which the machine is fastened is rigidly locked in position, but the construction prevents any vibration of the machine when running.

When the leaf is closed the head is automatically lowered through the table and is entirely closed in a stationary dust proof case or drum.

The moving parts are directed positively by stationary guides and there is no spring used in any part of the mechanism.

The belt always remains in position on the balance wheel beneath the table.

While simple means of adjustment are provided, the construction is strong and durable and will never wear out or get out of order.

### OUR LIBERAL TERMS OF SHIPMENT

Our price is \$17.50 for the Plain Drop Head, and \$20.00 for the Automatic Lift, includes Free Delivery to any Railroad Station within 500 miles of Manchester.

We sell Sewing Machines on the most liberal terms, and we can well afford to do so because of the high quality of the machines we offer.

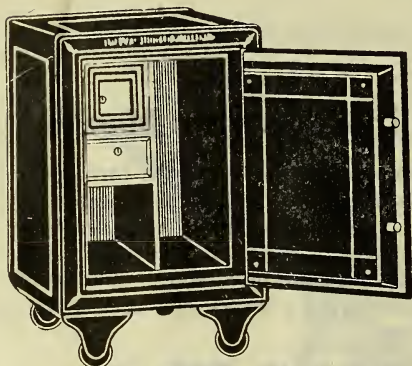
If inconvenient to pay the entire purchase price in cash, we will sell any of our Sewing Machines on the following Easy Terms:

**\$2.00 at Time of Purchase, Balance at rate of \$1.00 Weekly**

Free attachments. Directions with each machine that will teach everything.

# HERRING-HALL-MARVIN FIRE PROOF SAFES

None Better at any Price.



## H-H-M Fireproof Safe

No. 10-L, Weight about 275 lbs.

### DIMENSIONS

Outside	Inside
26¼ inches high,	15 inches high,
16 inches wide,	11 inches wide,
17 inches deep,	11¾ inches deep,
19½ inches deep	Depth of Cabinet
over all.	10½ inches.
Wheels and Casters 6 inches high.	

Price, \$27.50

F. O. B. Our Store, Manchester, N. H.

## H-H-M Fireproof Safe

No. 15-L, Weight about 325 lbs.

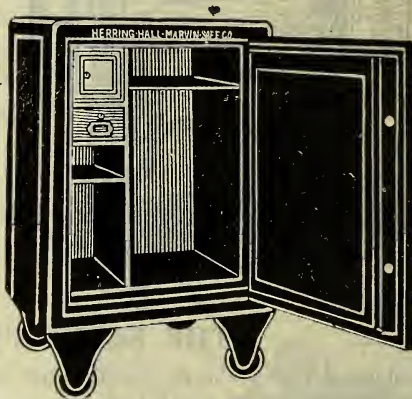
### DIMENSIONS

Outside	Inside
29 inches high,	17¾ inches high,
18 inches wide,	12¾ inches wide,
17 inches deep,	11¾ inches deep,
19½ inches deep	Depth of Cabinet
over all.	10½ inches.

Wheels and Casters 6 inches high.

Price, \$35.00

F. O. B. Our Store, Manchester, N. H.



## HERRING-HALL-MARVIN FIREPROOF SYSTEM

The H. H. M. Fireproof Composition stands unequalled in the world today as a heat resisting substance. It is entirely free from all injurious properties, which cause corrosion. It is dry and very hard, adding great strength to the safe in case of strains from a fall. It is the result of many years of experiment and experience and is compounded with great care. We use seven (7) Herring-Hall-Marvin Safes in the various departments of our business.

JOHN B. VARICK CO.

## L. M. FOLSOM

Dry Goods, Women's and Children's Outfitters

Manchester, N. H., Jan. 31, 1914.

Herring-Hall-Marvin Safe Co.:

Gentlemen:—We had one of the Herring-Hall-Marvin Safe Co.'s Safes in the most disastrous fire which ever occurred in Manchester, N. H.

I take great pleasure in giving my testimonial as to the fire resisting qualities of the same. We were highly pleased to find on opening it, all money, books and papers in an excellent state of preservation.

We will have another Herring-Hall-Marvin Safe as soon as we are permanently located.

Respectfully yours, (Signed) L. M. FOLSOM.

Complete line of the famous H-H-M Safes on exhibition at all times  
AT OUR STORE.



**ESTABLISHED 1845**

Number .....

Filed by.....

Checked by.....

Shipped by.....

# ORDER SHEET

**Every Order, Large or Small, Will  
Receive Careful Attention**

**JOHN B. VARICK CO., Manchester, N. H.**

Gentlemen—Please send the following seeds, etc., by

[State here if wanted by mail, express or freight]

Name \_\_\_\_\_

Postoffice .....

County ..... State .....

Street No., P. O. Box or R. F. D. No. ....

Nearest Railway Station.....

[Write here name of town to which goods are to be sent]

Dated this.....day of.....191.....

### Amount Enclosed

	Dollars	Cts
P. O. Order		
Express Order		
Bank Draft		
Check		
Cash		
Stamps		
Total		

[illegible]





# JOHN B. VARICK COMPANY

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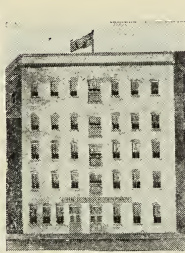
We Occupy Over Four (4) Acres of Floor Space



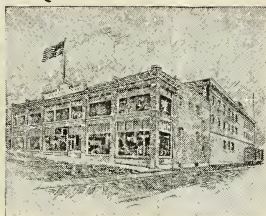
Warehouse No. 2 W. Auburn St.



Flm Street Stores



Warehouse No. 1



Agricultural Warehouse Depot St.

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## Brief Index of Our Leading Lines

Agricultural Implements  
Ammunition  
Athletic Goods  
Automobile Tires and Accessories  
Bath Room Furnishings  
Belting---Leather, Rubber and Cotton  
Bicycles and Sundries  
Blacksmiths' Tools and Supplies  
Bolts and Nuts  
Builders' Hardware  
Carpenters' and Contractors' Supplies  
Carriage and Heavy Hardware  
Cordage and Twine  
Cutlery and Barbers' Supplies  
Diamonds and Precious Stones  
Dynamite and Powder  
Enameled and Tin Ware  
Farming and Dairy Supplies  
Field, Garden and Flower Seeds  
Fishing Tackle  
Fur and Fur Lined Coats  
Guns, Rifles and Revolvers  
Harness and Blankets  
Hardware of Every Description  
Hose---Rubber and Cotton  
Incubators and Brooders

Iron and Steel  
Jewelry and Cut Glass  
Lamps---Electric and Gas  
Lead, Oil and Turpentine  
Lubricating Oils  
Mechanics' Tools  
Metals --Sheet and Pig  
Mill and Factory Supplies  
Nails---Wire and Cut  
Paints and Varnishes  
Paper and Paper Bags  
Photographers' Goods and Cameras  
Refrigerators and Ice Chests  
Roofing---Metal and Prepared  
Safes---Fireproof  
Sewing Machines  
Shafting, Pulleys and Hangers  
Skates and Sleds  
Sporting Goods  
Spraying Apparatus  
Sterling and Silver Plated Ware  
Toys  
Trunks, Bags and Suit Cases  
Wagons and Carriages  
Window and Plate Glass  
Wire Fencing

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**JOHN B. VARICK COMPANY, Manchester, N. H.**



# Varick's

## LAWN GRASS SEED

PRODUCES QUICKLY AFTER SOWING A  
LUXURIANT VELVETY GROWTH OF RICH VERDURE  
EVENTUALLY A FIRM DURABLE  
SWARD WHICH WITH PROPER  
CARE WILL LAST  
INDEFINITELY.



VARICK'S SEEDS  
ARE  
RELIABLE SEEDS

JOHN B. VARICK COMPANY, MANCHESTER, NEW HAMPSHIRE.